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S 0315-1

ALASKA VITAL STATISTICS



ANNUAL REPORT

1978



ALASKA VITAL STATISTICS
1978

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AK/DHSS/IS-80/03
February 1980

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introduction & overview:

INTRODUCTION AND OVERVIEW

In general, vital statistics are major products of a relatively complicated system designed principally to accomplish the registration of vital events. They have sometimes been called "by-products" of registration systems, but this term gives a misleading impression. It is true that registration of births, deaths, marriages, divorces, and adoptions originated to meet public and private needs for permanent legal records of these events, and these needs continue to be very important. Equally important are the demands for useful statistics that have come from the fields of public health, medical research, and health planning.

One index of the quality of life for Alaskan residents may be found in the analysis of vital events. This report presents and summarizes specific events that relate to health and well-being in Alaska, including vital information on births, deaths, marriages, divorces, adoptions.

Toward increasing the utility of the statistical information presented in this report, we have examined trends for Alaska vital events throughout the years. In addition, we have examined Alaska vital events in relation to United States figures for 1978. By employing the comparative method, insight and perspective can be gained which ultimately increase the useability of Alaska vital statistics.

We are interested in hearing your comments on this publication at any time you are able to make them. If you find conflicting or confusing information within this publication or between this report and other information you have access to, please let us know. We would like to know how people use our information, and therefore would request that you send us copies of publications, reports or grant applications in which you cite vital statistics.

This report is not exhaustive. We have tried to determine what information is most requested and useful. We try to continue updating all tables that have appeared in previous annual reports. If further information is required, please contact us.

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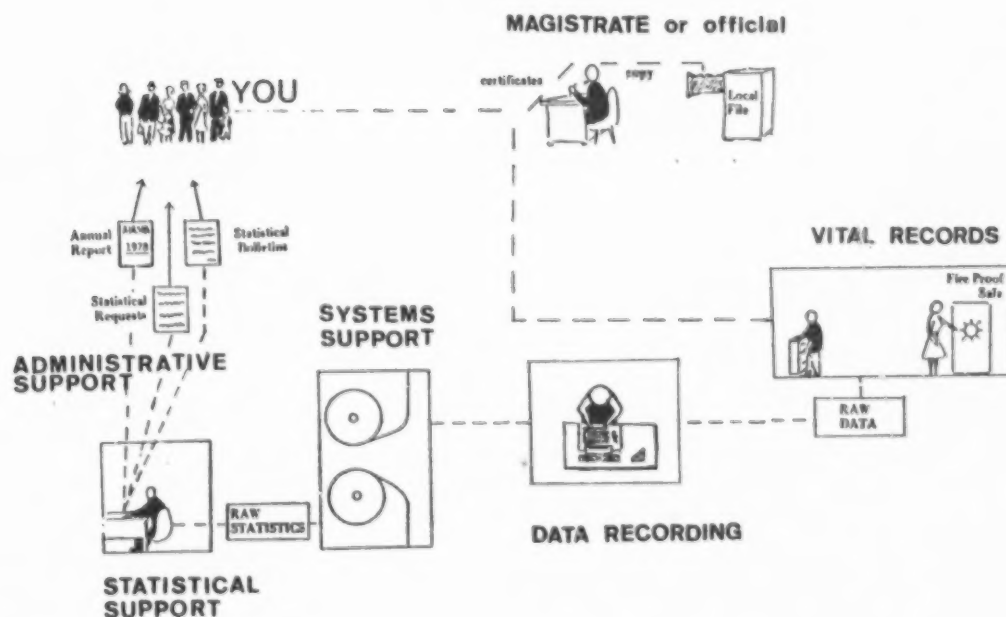
The Vital Statistics Process

In Alaska, vital events are recorded by magistrates and other officials, who in turn forward the original certificates to the Bureau of Vital Records. The Bureau of Vital Records inspects the certificates for legality and completeness then catalogs the certificates.

The Bureau of Vital Records forwards the event certificates to the Data Recording Support Unit for data entry. Systems Support creates the vital statistics data tapes. The Statistical Support Unit runs statistical computer programs against vital event data tapes to produce the statistical data used to compile this report.

The Bureau of Vital Records, Data Recording Support Unit, Systems Support Unit, Statistical Support and Administrative Support Unit comprise the Office of Information Systems of the Department of Health and Social Services.

THE VITAL STATISTICS PROCESS OFFICE OF INFORMATION SYSTEMS



Geographic Classification

The Office of Information Systems maintains a set of codes for all communities in Alaska. All vital events are coded using these unique codes. This coding allows easy computer grouping into natural and artificial geographic classifications. Since Alaska is not divided into counties, the data in this report, when presented for geographic areas, is grouped by Census Division, Health Service Area or Native Regional Corporation. Almost any geographic scheme is possible for classifying data with the assistance of the computer for aggregation.

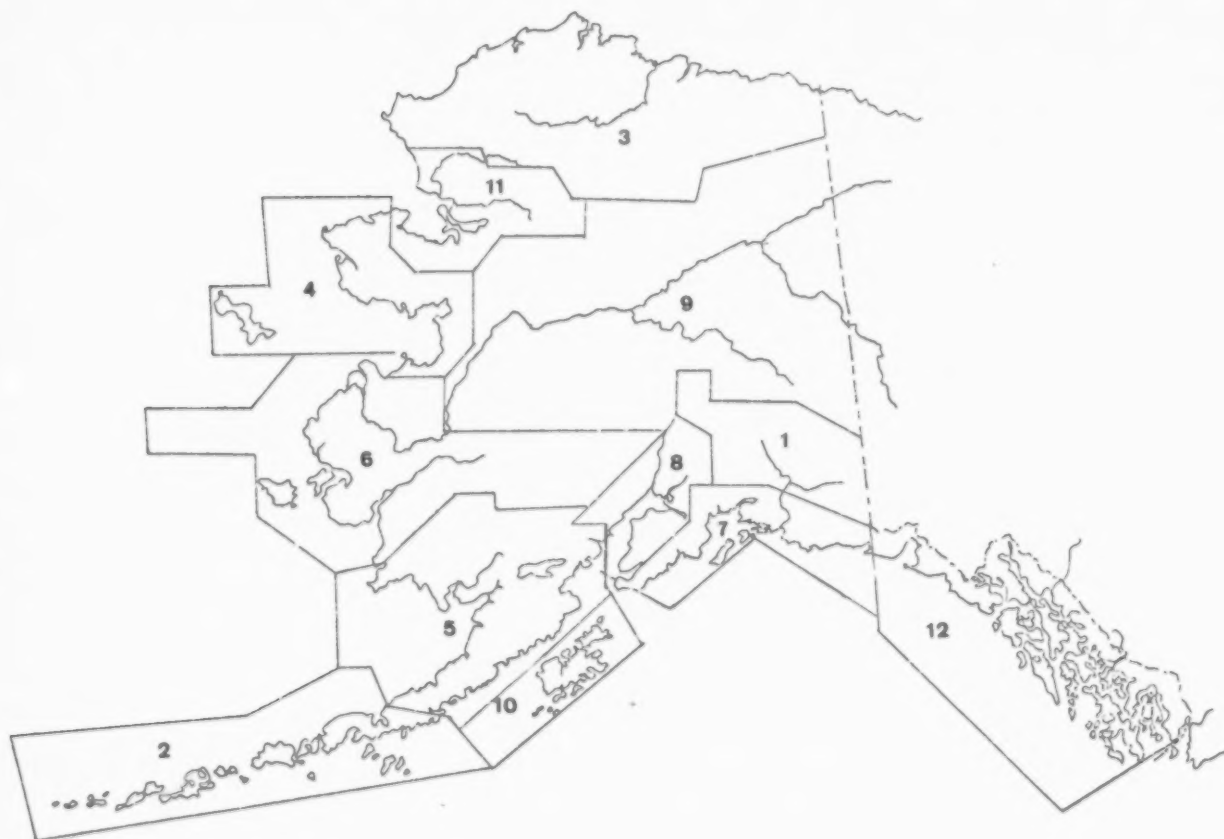
The State is currently referring primarily to the standardized geographic divisions represented by the Native Regional Corporations. Native Regional Corporations (NRC) are permanent federal subdivisions which correspond to Native Regional Health Corporations. All data presented by this classification will be referenced by NRC name. These data represent all resident events occurring in the corporation regardless of race. There are twelve Native Regional Corporations in the State of Alaska.

Health Services Area (HSA) is another form of geographic classification used in this report. This classification is primarily of use to the various health planning teams throughout the State. There are three Health Service Areas in Alaska.

Some of the data is also classified by the 1970 Census Division. Census Divisions change with population size, density and geographic accessibility, undermining their usefulness for data classification over long periods of time. However, Census Divisions are used in this report to afford comparability with prior reports, census population figures and intercensal population estimates. Also, the ability of this classification scheme to isolate the major population centers of the State is of great importance.

NATIVE REGIONAL CORPORATIONS (NRC)
AND CORRESPONDING HEALTH CORPORATIONS

- 1 Ahtna Incorporated - Copper River Health Authority
- 2 Aleut Corporation - Aleutian Pribilof Island Association, Incorporated
- 3 Arctic Slope Regional Corporation - North Slope Borough Health Department
- 4 Bering Strait Native Corporation - Norton Sound Health Corporation
- 5 Bristol Bay Corporation - Bristol Bay Area Health Corporation
- 6 Calista Corporation - Yukon-Kuskokwim Health Corporation
- 7 Chugach Incorporated - The North Pacific Rim Native Corporation
- 8 Cook Inlet Regional Corporation - Cook Inlet Native Association
- 9 Doyon Limited - Tanana Chiefs Health Authority
- 10 Koniag Incorporated - Kodiak Island Native Health Authority
- 11 Nana Regional Corporation - Mauneluk Association
- 12 Sealaska Corporation - Southeast Alaska Regional Health Corporation



HEALTH SYSTEMS AGENCIES AND CENSUS DIVISION MAPS

HEALTH SERVICES AREAS (HSA) (and included NRCs)



CENSUS DIVISIONS

- 1 Aleutian Islands
- 2 Anchorage
- 3 Angoon
- 4 Barrow
- 5 Bethel
- 6 Bristol Bay Borough
- 7 Bristol Bay
- 8 Cordova-McCarthy
- 9 Fairbanks
- 10 Haines
- 11 Juneau
- 12 Kenai-Cook Inlet
- 13 Ketchikan-Gateway
- 14 Kodiak
- 15 Kuskokwim
- 16 Matanuska-Susitna
- 17 Nome
- 18 Outer Ketchikan
- 19 Prince of Wales
- 20 Seward
- 21 Sitka
- 22 Skagway-Yakutat
- 23 Southeast Fairbanks
- 24 Upper Yukon
- 25 Valdez-Chitina-Whittier
- 26 Wade Hampton
- 27 Wrangell Petersburg
- 28 Yukon-Koyukuk



Reliability of Data

The reliability and validity of any information is dependent upon the accuracy and completeness of the reporting system. Awareness of source of error can enlighten one as to the limitations and appropriate usage of the data. The following paragraphs outline the points of entry for error into the reporting system and the measures taken by the Office of Information Systems to rectify these problems.

1. Errors in reporting result from:

- a. completed reports are not submitted by occurrence institutions, states or by magistrates;
- b. incorrect reports due to temporary or poorly trained magistrates;
- c. lack of universal coverage with the attendant possibility that certain groups are relatively under or over reported.

To rectify:

The State Center for Health Statistics in cooperation with the Office of Information Systems, has begun a program for cross-checking event counts from other sources with Vital Records tallies. Reports identifying received certificates will also be designed and sent to source magistrates, hospitals and other state's Vital Records bureaus to ensure that all relevant records received by their offices are forwarded to the Bureau of Vital Records.

A field training officer, funded jointly by the State of Alaska and a contract with the Cooperative Health Statistics System/ National Center for Health Statistics, in cooperation with the Bureau of Vital Records, has developed a vital records training curriculum and conducts seminars to instruct magistrates and other officials on the proper manner in which to complete vital records certificates.

A promotional campaign has been developed by the Field Training Officer and the Bureau of Vital Records stressing the need for and importance of registering vital events.

2. Errors in validating occur when:

- a. incorrect data are not detected by the Bureau of Vital Records;
- b. missing data cannot be detected or secured by the Bureau of Vital Records.

To rectify:

Staff of the Bureau of Vital Records minimize validating errors due to continuous training and a core staff of highly experienced personnel.

All attempts to secure missing information from event certificates are made by the Bureau of Vital Records. This entails contacting recorders and magistrates throughout this State and outside.

3. Errors in processing result from:

- a. miscoding of data prior to keypunching;
- b. keypunching errors;
- c. computer programming errors.

To rectify:

In an attempt to minimize keypunching mistakes, all vital statistics data is verified for correctness following the initial keypunching prior to computer processing.

In the programming/processing phase, if a suspicious anomaly in the data is detected on vital statistic records, the data in question is checked against the actual certificate to determine correctness. If the keyed information is incorrect, the correct information is entered on the computer record.

4. Errors in analysis result from:

- a. misrepresenting trends or causes of trends which may result purely from better, more accurate or inclusive reporting;
- b. failure to relate absolute numbers of vital events to a relevant or an accurate population figure;
- c. drawing general conclusions based on vital statistics relevant only to particular geographic areas or particular time periods;
- d. misunderstanding terms or modes of classifying variables.

To rectify:

To help alleviate the problem of gaining reliable and valid population data for Alaska, the Office of Information Systems utilizes one source of population information: Alaska Department of Labor, Research and Analysis Section, Population Center.

By using this one source of information which documents thoroughly the demographic methodology employed in arriving at population data, we are able to eliminate the problem of conflicting figures by different sources.

Sections indicating definitions of terms and classifications are being included in all vital statistic publications. Where information is grouped under unclear headings, an indication of what data is included in each group is now inserted into the relevant table.

Regardless of what measures are being taken by our office, some of the sources of error outlined above are beyond our control and for that reason the reader should be aware of them.

Time Period

The time period for this report is the 1978 calendar year. This includes all 1978 events to residents including those 1978 events reported through March 31, 1979.

Definitions

This report utilizes many terms and technical connotations that must be defined to aid the reader in the meaningful and correct interpretation of the data. The following list of terms and technical notes is aimed at achieving this objective.

Terms

Fetal Death (Stillbirth):

A product of conception of longer than 20 weeks gestation that shows no sign of life after delivery.

Infant Death:

A death of an infant under one year of age.

Live Birth:

A birth that shows any sign of life after delivery.

Natural Increase:

The excess of births over deaths while holding migration constant.

Neonatal Death:

A death occurring to an infant less than 28 days of age.

Occurrence Data:

Data classified by place where the event occurred regardless of the participant's place of residence. For example, marriages and divorces occurring within the State are registered in the statistics of this State whether or not the persons involved are residents. Adoptions are allocated by place where the legal proceedings and recording of the adoption occur.

Residence Data:

Data classified by place of residence of the subject of the vital event. For example, all non-fetal deaths are registered to the place of residence of the decedent and all births and fetal deaths are registered to the place of residence of the child's mother.

Mode:

The value of the variable which occurs most often.

Median:

The numerical value of the middle case or the case lying exactly on the 50th percentile.

Mean:

The sum of the individual values divided by the total number of occurrences.

Technical Notes

Crude Birth Rate:	$\frac{\text{Total Live Births}}{\text{Total Population}} \times 100$
Crude Death Rate:	$\frac{\text{Total Deaths}}{\text{Total Population}} \times 1,000$
Crude Death Rate by Cause:	$\frac{\text{Deaths for a Specified Cause}}{\text{Total Population}} \times 100,000$
Crude Rate of Natural Increase:	$\frac{\text{Live Births} - \text{Deaths}}{\text{Total Population}} \times 1,000$
Divorce and Annulment Rate:	$\frac{\text{Total Divorces and Annulments}}{\text{Total Population}} \times 1,000$
Fetal Death Ratio:	$\frac{\text{Total Fetal Deaths}}{\text{Total Live Births}} \times 1,000$
Infant Death Rate:	$\frac{\text{Deaths Less Than One Year of Age}}{\text{Total Live Births}} \times 1,000$
Marriage Rate:	$\frac{\text{Total Marriages}}{\text{Total Population}} \times 1,000$
Neonatal Death Rate:	$\frac{\text{Deaths Less Than 28 Days}}{\text{Total Live Births}} \times 1,000$

Table Format:

In the crosstabulation tables included in this report, the title indicates the position of the variables. The first variable appearing in the title is listed down the side while the second is listed across the top of the table.

population:

POPULATION

Population is of critical importance to many planning and analytical endeavors. Since the decennial census in 1970, Alaska's population and the composition of that population have changed radically as a result of significant social and economic forces.

Three major events govern population changes: births, deaths, and migration. The crude rate of natural increase is an indicator of the relative effect that births and deaths have on the population size. Migration, a relatively difficult force to monitor accurately, has been of great importance in determining the changes occurring in Alaska's population. It has been said as a result of Alaska's economy, image and the relatively youthful population, that Alaska has a transient and very mobile population. As a result of these factors, reliable and valid population data has been available only recently.

Understanding the importance and need for population data for many purposes, this year we are including population information which has been made available by the Alaska Department of Labor, Research and Analysis Section, Alaska Population Center.

Population Data Note

Component Method II population estimates are not actual counts. In Alaska, changes from 1970 census levels are based upon the difference between actual and expected school enrollment, total employment, personal judgment, births and deaths. State totals are probably accurate within two percent; areawide figures are considerably less accurate.

Additional Population Information

Additional information regarding the methodology employed in arriving at the population estimates presented herein and any additional requests for population information may be directed to:

Stephan Harrison
Alaska Department of Labor
Research and Analysis Section
Alaska Population Center
Box 1149
Juneau, Alaska 99811

Telephone: (907) 465-4515

ALASKA TOTAL POPULATION**

By Census Division

Census Divisions	1970	1971	1972	1973	1974	1975	1976	1977	1978
1 Aleutian Islands	8,057	9,350	7,246	6,914	7,714	7,086	8,282	7,686	8,000
2 Anchorage	126,333	123,850	136,868	149,440	153,112	177,817	185,179	192,957	185,500
3 Angoon	503	N/A	N/A	2,583	3,234	6,454	9,609	559	8,300
4 Barrow	3,451	2,985	2,940	7,906	8,496	8,576	8,389	8,048	10,000
5 Bethel	7,767	7,819	8,228	1,199	1,239	1,914	1,252	1,102	1,400
6 Bristol Bay Borough	1,147	N/A	N/A	3,659	3,875	3,847	3,500	3,521	3,900
7 Bristol Bay	3,485	4,891	4,590	1,982	1,960	2,003	2,353	2,233	2,400
8 Cordova - McCarthy	1,857	2,257	1,507	45,571	50,762	55,517	51,511	47,131	55,500
9 Fairbanks	45,864	52,104	49,927	1,902	2,054	2,059	1,850	1,500	1,500
10 Haines	1,504	5,190*	3,727*	16,593	17,195	16,714	17,760	18,886	19,500
11 Juneau	13,556	14,171	14,414	13,808	13,962	15,621	16,753	19,716	22,300
12 Kenai - Cook Inlet	14,250	17,011	12,823	10,587	11,522	11,311	11,394	12,496	12,600
13 Ketchikan	10,041	10,326	12,496	4,352	4,807	4,548	4,788	5,100	5,300
14 Kobuk	4,048	4,990	5,018	8,868	9,232	8,801	9,366	8,893	9,600
15 Kodiak	9,409	9,557	8,070	2,484	2,677	2,721	2,738	2,481	2,700
16 Kuskokwim	2,306	2,276	2,628	8,586	9,787	12,462	14,010	15,740	15,400
17 Matanuska - Susitna	6,509	8,039	8,138	5,682	7,001	6,660	6,644	5,824	7,200
18 Nome	5,749	6,039	6,011	1,641	1,703	1,764	1,761	2,019	2,000
19 Outer Ketchikan	1,676	N/A	N/A	1,992	2,525	2,502	2,000	2,639	2,600
20 Prince of Wales	2,106	2,097	1,875	2,446	2,683	3,149	3,395	3,392	3,100
21 Seward	2,336	3,006	2,924	6,010	6,428	6,595	6,883	7,053	7,200
22 Sitka	6,109	5,756	6,474	2,205	2,476	2,732	2,812	2,774	2,800
23 Skagway - Yakutat	2,157	N/A	N/A	4,285	4,504	5,894	6,811	4,893	5,300
24 Southeast Fairbanks	4,179	N/A	N/A	1,224	2,642	2,642	2,012	1,211	1,200
25 Upper Yukon	1,282	1,265	1,655	3,568	3,833	9,639	13,000	9,905	5,000
26 Valdez-Chitina-Whittier	3,098	2,888	3,251	3,878	4,164	4,234	4,287	3,674	4,400
27 Wade Hampton	3,917	4,303	4,511	5,058	5,848	5,270	5,218	5,236	5,600
28 Wrangell - Petersburg	4,913	6,572	4,787	5,082	5,243	8,423	8,238	4,973	5,500
29 Yukon - Koyukuk	4,752	5,395	5,573						
TOTAL	302,361	313,137	315,260	330,365	351,159	404,634	413,289	411,211	416,400

* Figures are for Lynn Canal-Icy Straights.

** Changes from 1970 census levels developed using component method II & personal judgment.

ALASKA CIVILIAN POPULATION

By Census Division

Census Division	1970	1971	1972	1973	1974	1975	1976	1977	1978
1 Aleutian Islands	4,368	4,285	4,634	3,994	4,506	4,208	5,300	4,896	6,345
2 Anchorage	113,449	121,327	130,511	135,391	139,577	167,175	173,000	181,009	173,784
3 Angoon	503	487	484	398	477	476	490	555	596
4 Barrow	3,343	2,761	2,445	2,481	3,108	6,349	9,500	9,474	8,281
5 Bethel	7,672	8,142	8,557	7,804	8,384	8,468	8,290	7,956	9,985
6 Bristol Bay Borough	713	647	734	752	683	1,458	800	643	1,090
7 Bristol Bay	3,480	3,158	3,573	3,659	3,875	3,847	3,500	3,521	3,900
8 Cordova - McCarthy	1,819	1,880	1,815	1,920	1,895	1,943	2,300	2,172	2,348
9 Fairbanks	37,075	37,837	39,964	39,594	44,804	49,390	46,500	41,659	50,126
10 Haines	1,495	1,646*	1,778*	1,902	2,054	2,069	1,850	1,500	1,500
11 Juneau	13,351	14,352	14,875	16,387	16,976	17,600	18,650	18,598	19,216
12 Kenai - Cook Inlet	13,766	13,904	13,872	13,754	13,905	15,553	16,700	19,660	22,248
13 Ketchikan	9,844	9,925	10,379	10,399	11,323	11,116	11,200	12,289	12,395
14 Kodiak	3,943	4,634	4,500	4,240	4,698	4,458	4,700	5,022	5,284
15 Kuskokwim	7,918	8,422	8,044	8,178	8,499	7,901	8,500	7,917	8,703
16 Kuskokwim - Sumittra	2,051	2,101	2,137	2,205	2,355	2,441	2,470	2,247	2,645
17 Matanuska - Susitna	6,503	7,337	8,366	8,586	9,787	12,462	14,010	15,593	15,242
18 Nome	5,598	5,603	5,729	5,543	6,834	6,509	6,500	5,704	7,158
19 Outer Ketchikan	1,539	1,509	1,547	1,522	1,577	1,647	1,650	2,019	2,000
20 Prince of Wales	2,106	1,792	2,049	1,992	2,525	2,502	2,000	2,639	2,600
21 Seward	2,245	2,540	2,335	2,431	2,667	3,130	3,380	3,377	3,100
22 Sitka	5,972	5,922	6,018	5,956	6,371	6,531	6,830	6,837	7,017
23 Skagway	2,136	2,137	2,115	2,188	2,458	2,714	2,800	2,760	2,773
24 Southeast Fairbanks	3,137	3,201	3,340	3,412	3,763	5,894	6,050	4,100	4,503
25 Upper Yukon	1,179	1,524	1,602	1,543	2,507	8,675	1,900	1,114	1,173
26 Valdez-Chitina-Whittier	3,098	2,949	3,487	3,568	3,833	9,639	13,000	9,905	4,953
27 Wade Hampton	3,748	3,829	3,726	3,766	4,055	4,182	4,180	3,587	4,385
28 Wrangell - Petersburg	4,862	4,966	4,938	5,062	5,823	5,254	5,200	5,214	5,586
29 Yukon - Koyukuk	4,023	4,039	4,277	4,285	4,385	7,695	7,500	4,240	4,963
TOTAL	270,936	282,856	297,831	302,912	323,706	379,286	388,750	386,207	393,899

* Figures are for Lynn Canal-Icy Straights.

NATURAL INCREASE

The crude birth rate reveals the proportion by which the population is increasing through the addition of new members. The crude death rate measures the "toll" on this same population. Rates of natural increase or decrease, that is, rates computed on the balance of births and deaths, give some measure of the overall gain or loss in a population through the addition of births and the subtraction of deaths.

The rate of natural increase is the most direct indication of how rapidly a given population actually grew during a given year as the result of vital processes. If births exceed deaths, there is growth and the rate is positive. If deaths outnumber births the population fails to increase during that year, and the rate is negative. The crude rate of natural increase, like its two components, is influenced by the current age structure. If a relatively large proportion of a population is in adolescence and early adulthood, that population will tend to have a relatively high birth rate and a relatively low death rate; these will result in a high crude rate of natural increase. If, however, a relatively small proportion of the population is within these ages, its rate of natural increase tends to be relatively low.

The crude rate of natural increase in Alaska validates the above statements concerning the age structure of the population. In comparison to the United States as a whole, Alaska has an extremely high rate of natural increase. In 1978, the crude rate of natural increase for Alaska was ten points higher than the United States rate. Alaska averaged ten points above the national rate over the period from 1971 to 1978 for the crude rate of natural increase.

	<u>Year</u>							
	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Alaska	18.8	17.0	15.6	15.8	14.7	15.2	16.5	17.2
United States	7.9	6.2	5.5	5.7	5.9	5.9	6.6	6.5

FOOTNOTE

1. The definition and technical note (formula) for Natural Increase can be found on pages 8 and 9 of this report.

**trends in
life events:**

TRENDS IN LIFE EVENTS

In recent years the health status of the population has been a principal concern of individuals in the private and public sectors. In response to this concern, human and economic resources have been channeled into the health fields. Action programs have been instituted to address this priority. As Alaskans begin to focus on matters pertaining to their health, it becomes mandatory and critical that we examine patterns in life events.

Vital statistics, an important indicator of health status, must be viewed historically to ascertain patterns. Through observation of these patterns and changes, we can direct and evaluate the programs and resources planned to have an impact on the health status of Alaskans.

By examining vital statistics historically, errors in interpretation and application can best be avoided.

In addition, comparing Alaska and National rates puts the Alaska situation in perspective.

A desirable product of any analytical exercise is the guidance the information provides in orienting how specific problems are attacked. Toward this end, the following analysis is undertaken.

Rates²

The raw data of statistics are the counts or absolute frequencies. In vital statistics it is important to refer population counts, given by the census or population estimates, to the absolute frequencies of vital events obtained primarily from the registration process. Absolute frequencies alone are seldom sufficient for an intelligible interpretation of the situation. To say that there were fourteen deaths in Anchorage in a given year, whereas in Kake there were eight deaths in the same year, helps us little unless the population of the two communities is known. It is critically important to refer the number of persons experiencing an event to the total number of individuals who have been exposed to that event before the full significance of the statistics of the event can be interpreted. Furthermore, it is necessary to locate the event temporally and spatially. Rates are the tools used to accomplish the task of relating events to the population³ giving use to the events for a particular geographical area at a specified time.

Rates can be of several varieties. The rates used in this report are observed general rates. Observed rates are relative figures based on actual counts. These rates deal with the facts, the data as they are collected. Observed rates may be general or specific.

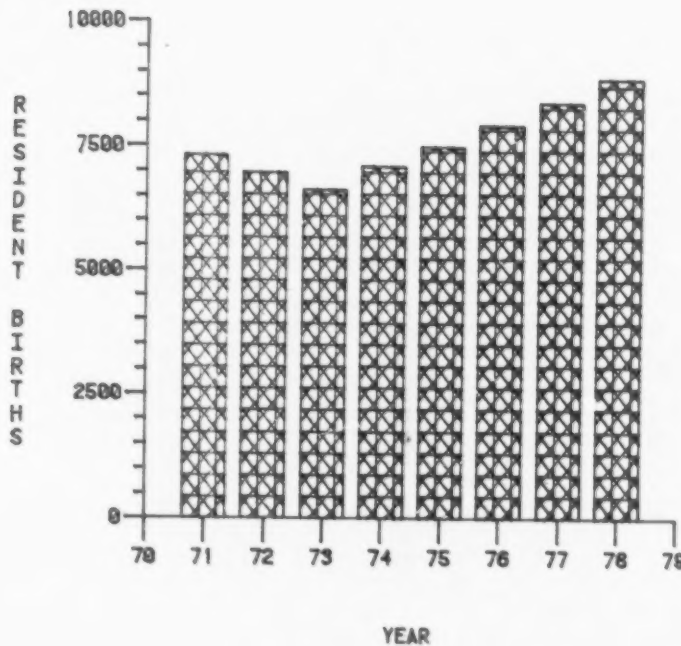
The rates used in this report base the relationship of events to population at risk on population totals. These rates are described as crude or general. Crude rates are referred to the total living population with the assumption that the total population is exposed to the risk of occurrence of the event.

NATALITY

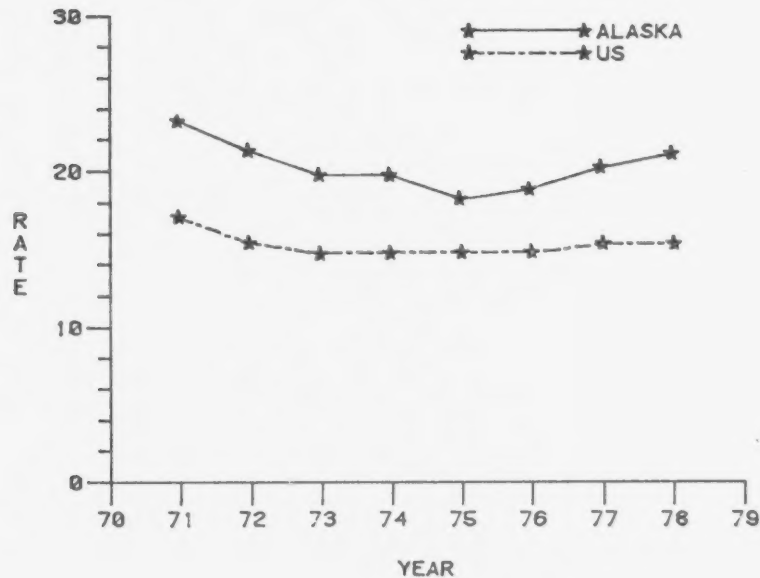
	Year							
	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Alaska (Absolute Frequency)	7312	6948	6611	7006	7470	7912	8378	8849
Alaska Rate	23.5	21.6	20.0	20.0	18.5	19.1	20.4	21.3
U.S. Rate	17.2	15.6	14.9	14.9	14.8	14.8	15.4	15.3

The number of births in Alaska has been on the increase since 1973. From 1971 to 1972, there was a five percent decrease in births with a continuing decrease of approximately five percent from 1972 to 1973. There has been a 3.0 percent average annual increase in the number of live births for the period for 1971 to 1978. Since 1973, there has been a 6.8 percent yearly increase in the number of births.

ALASKA
RESIDENT BIRTHS
1971 TO 1978



CRUDE BIRTH RATE
ALASKA AND UNITED STATES
1971 TO 1978



The observed general or crude birth rate is the number of live births referred to the total population. The general birth rate is a crude measure since not all of the population is exposed to the risk of giving birth. Rather, the crude birth rate is an index to the relative speed at which additions are being made to a population through childbirth, and, as such, is a composite measure of all factors affecting natality in the population under study - the age composition, the economic level and true fertility. Caution should be exercised in comparing the general (crude) birth rate for Alaska from year to year during the Alaska Pipeline years. This project had the effect of radically altering the composition of the population, with an the influx of young workers into the State looking for the opportunity of employment.

The crude birth rate in Alaska declined from 1971 until 1975. Since 1976 the birth rate has been on the increase to a rate of 21.3 in 1978.

In comparison the birth rate for the United States as a whole decreased rapidly from 1971 to 1973. From 1973 to 1976, the rate stabilized and then in 1978, the crude birth rate increased to 15.3 per thousand population.

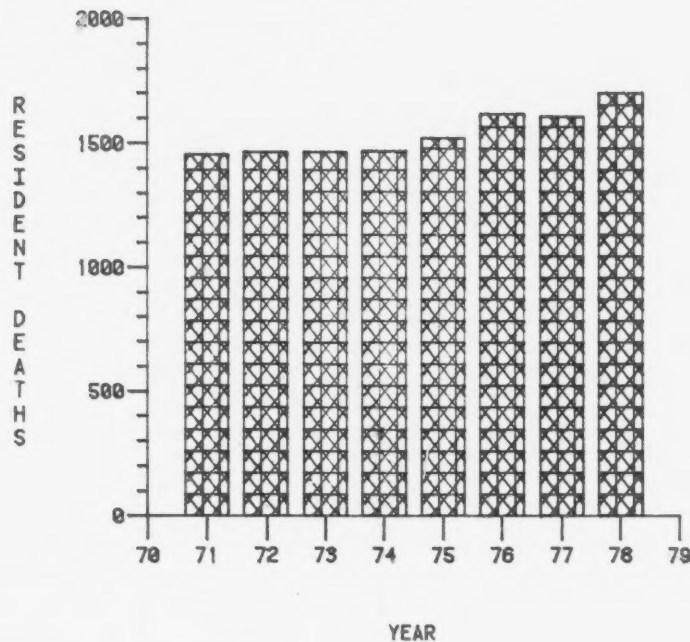
A similar pattern between the United States and Alaska can be seen. The rates for Alaska for the period from 1971 to 1978 have been averaging five points above the national rate.

MORTALITY

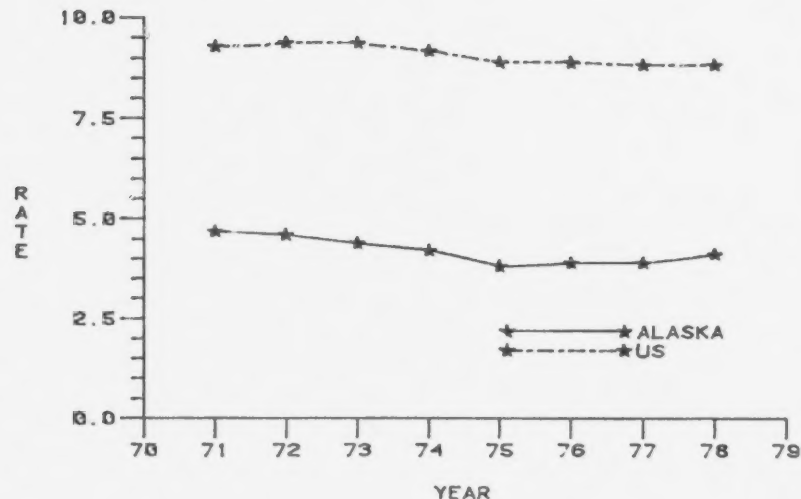
	Year							
	1971	1972	1973	1974	1975	1976	1977	1978
Alaska Absolute Frequency	1455	1467	1464	1468	1522	1617	1607	1698
Alaska Rate	4.7	4.6	4.4	4.2	3.8	3.9	3.9	4.1
U.S. Rate	9.3	9.4	9.4	9.2	8.9	8.9	8.8	8.8

In Alaska, the absolute number of deaths for the period from 1971 to 1978 has on the average increased 2.4 percent annually. There has been a small steady increase in the number of deaths over the period until 1977 when there was a small decrease of ten deaths from 1976. Between 1974 and 1975, there was a 3.7 percent increase in deaths and between 1975 and 1976 a 6.2 percent annual increase. Between the other time periods there was less than a one percent fluctuation in the number of deaths.

ALASKA
RESIDENT DEATHS
1971 TO 1978



CRUDE DEATH RATE
ALASKA AND UNITED STATES
1971 TO 1978



The crude death rate, which measures the decrease in a population due to death, is perhaps the most widely used of any vital statistics rate. The crude death rate is found by dividing the total number of deaths by the total population on a per 1000 base. The crude annual death rate for all causes combined, measures the probability that a person will die within the given year from any cause whatever if s/he is living in an area identical to the one for which the rate was made. The general or crude death rate is a measure of the probability of dying - an event to which each individual is exposed.

Even though the general death rate for all causes combined expresses a true mathematical probability in giving an individual's chances of dying within a given year, so many variables can influence such a combined rate that these crude rates are untrustworthy except for the broadest interpretations.

The crude death rate for Alaska has declined from 4.7 deaths per 1000 population in 1971 to 4.1 deaths per 1000 population in 1978. From 1971 through 1975, there was a constant decrease in the crude death rate, which dropped from 4.7 in 1971 to the low of 3.8 deaths per 1000 population in 1975, an oil pipeline construction year. Since 1976, when it was 3.9, the crude death rate has been slowly increasing and in 1978 reached a rate of 4.1 deaths per 1000 population.

The United States rate has declined from a high rate in 1972 of 9.4 deaths per 1000 population to 8.8 in 1977.

The crude death rates for Alaska are consistently approximately 4 deaths per 1000 population lower than the United States rates.

Many authors have warned against the use of the crude death rate for inter-area comparisons. These warnings are based on the fact that mortality varies with age, among other things, and the crude rate which masks all age differences may be misleading if the age-sex structures of the populations being compared are not similar. Populations composed of a high proportion of persons at the older ages where mortality is higher will naturally show a higher crude rate than a "younger" population. This should be kept in mind when comparing mortality rates for Alaska, which has a relatively young population, with the mortality rates of other areas.

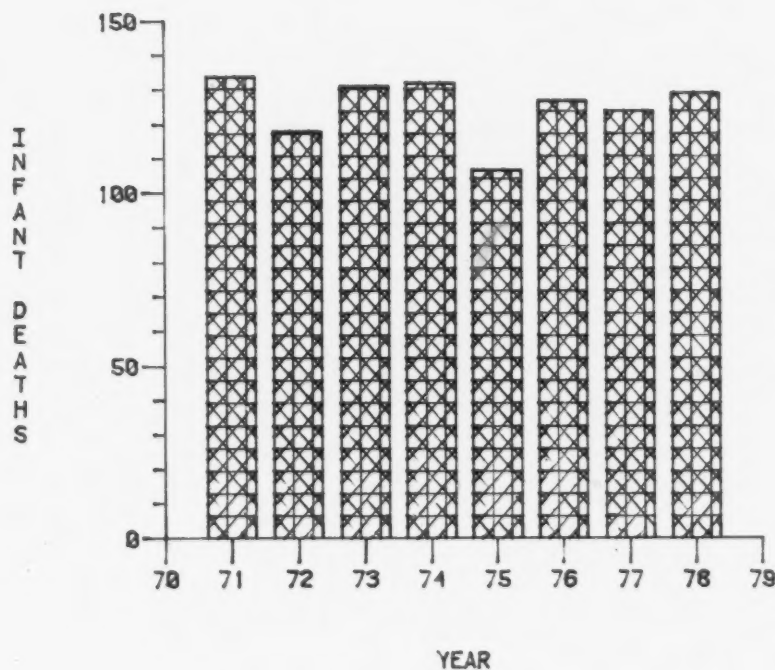
Under most circumstances, the crude death rate is valid for comparisons for the same area from year to year since changes in the composition of the population of an area occur rather slowly.

INFANT MORTALITY

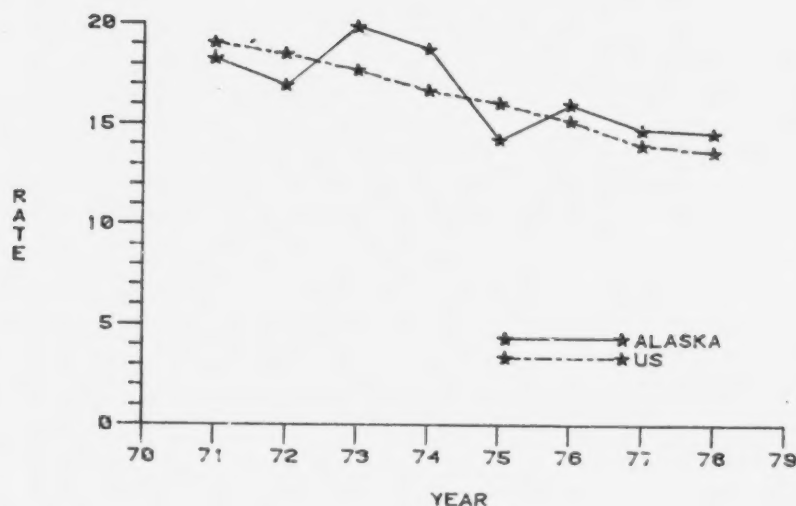
	Year							
	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Alaska (Absolute Frequency)	134	118	131	132	107	127	124	129
Alaska Rate	18.3	17.0	19.9	18.8	14.3	16.1	14.8	14.6
U.S. Rate	19.1	18.5	17.7	16.7	16.1	15.2	14.1	13.6

The number of infant deaths, or deaths to infants under one year of age, increased slightly from 1977 to 1978. Between 1974 and 1975, there was a decrease of 18.9 percent in the number of infant deaths followed by an increase of 18.7 percent between 1975 and 1976. The largest number of infant deaths for the period under observation was in 1971 with 134 deaths. Over the period from 1971 to 1978 there has been about a one half percent average annual decrease in the number of infant deaths.

ALASKA
INFANT DEATHS (UNDER 1 YEAR)
1971 TO 1978



CRUDE INFANT DEATH RATE
ALASKA AND UNITED STATES
1971 TO 1978



The infant mortality rate is found by dividing the number of deaths of infants under one year of age by the number of live births which occurred on a per 1000 base. The infant mortality rate is not a probability rate in the true sense, because the events in the numerator could not be drawn from the "population" in the denominator. Some of the deaths under one year of age in any year must have been of infants born in the previous year.

In Alaska the infant mortality rate has fluctuated throughout the time period covered. The rate has ranged from a high of 19.9 per 1000 live births in 1973 to a low of 14.3 per 1000 live births in 1975. (Since 1973 the rate has gone from 14.3 to 16.1 in 1976 to 14.6 in 1978.) These three years have seen the lowest infant mortality rates of the time period from 1971 to 1978.

With the exception of 1975, Alaska infant mortality rates have been slightly higher than the corresponding United States rates. The infant mortality rate in the United States has progressively decreased since 1971, when the rate was 19.1 per 1000 live births. In 1978, the mortality rate was 13.6 per 1000 live births.

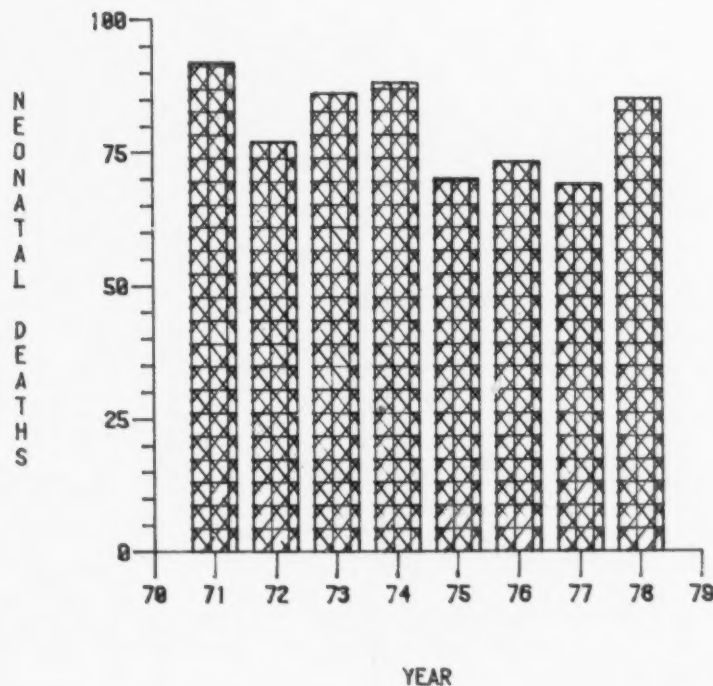
Since the infant mortality rate is of such value, especially in the field of public health, its correct computation and interpretation is important. In most countries, the great risk of death under one year is not equalled again until very old age is reached. But in contrast to deaths of older persons, control of the number of infant deaths is more responsive to improvement in environmental and medical conditions. Hence, infant mortality rates serve as one of the best indices to the general healthiness of a society.

NEONATAL MORTALITY ⁴

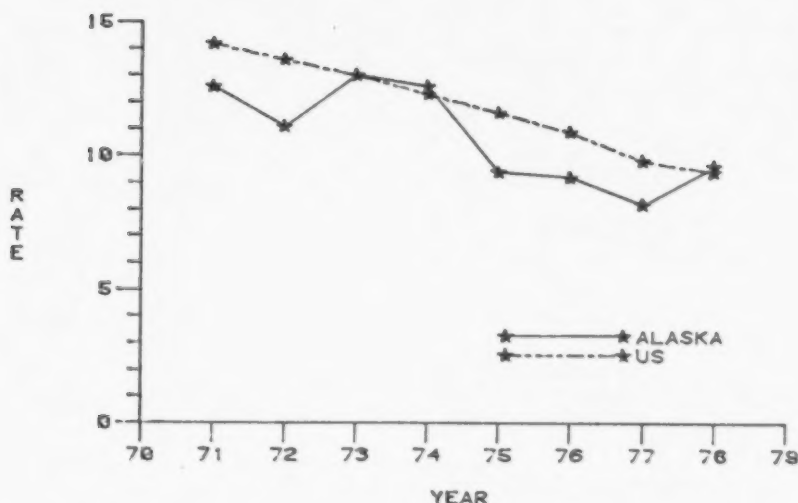
	Year							
	1971	1972	1973	1974	1975	1976	1977	1978
Alaska (Absolute Frequency)	92	77	86	88	70	73	69	85
Alaska Rate	12.6	11.1	13.0	12.6	9.4	9.2	8.2	9.6
U.S. Rate	14.2	13.6	13.0	12.3	11.6	10.9	9.9	9.4

Neonatal deaths are deaths of infants under 28 days of age. In Alaska from 1971 to 1977 there was a 4 percent average annual decrease in the number of neonatal deaths. From the low of 69 neonatal deaths in 1977, the count increased 23 percent to 85 in 1978; the Alaska rate correspondingly jumping over a full percentage point. The largest annual decrease was from 1974 to 1975 (20.5 percent, 18 deaths). The rate of neonatal deaths during the period under observation was lowest in 1977.

ALASKA
NEONATAL DEATHS (UNDER 28 DAYS)
1971 TO 1978



CRUDE NEONATAL DEATH RATE (UNDER 28 DAY OF AGE)
ALASKA AND UNITED STATES
1971 TO 1978



The neonatal mortality rate, like the infant mortality rate, is similar to an age-specific rate. It is a rate used to measure the risk of death during the first month of life.

The first problem in connection with the neonatal rate is that of defining month. Actual practice varies according to the form in which the age is reported. For most purposes, the first 27 days (less than 28 days) have been defined as neonatal.

The second problem concerns the population at risk for the rate. The population exposed to the risk of death under one month of age would include those born in the calendar month of death and some proportion of those born during the previous calendar month. On an annual basis, deaths under one month in any calendar year can only come from live births of that year plus those born in the previous December. Live births of the calendar year are considered a satisfactory approximation to the exposed-to-risk population for the neonatal rate analogous to the infant mortality rate.

The infant mortality rate is computed by dividing the number of deaths under 28 days of age by the number of live births per 1000 base.

The Alaska neonatal mortality rate has gone from 12.6 deaths per 1000 live births in 1971 to a low of 8.2 deaths per 1000 live births in 1977. The United States neonatal mortality rate has been on the decline constantly during the period from 1971 to 1977. With the exception of 1974 and 1978, the Alaska neonatal death rate has been lower than the corresponding United States rate.

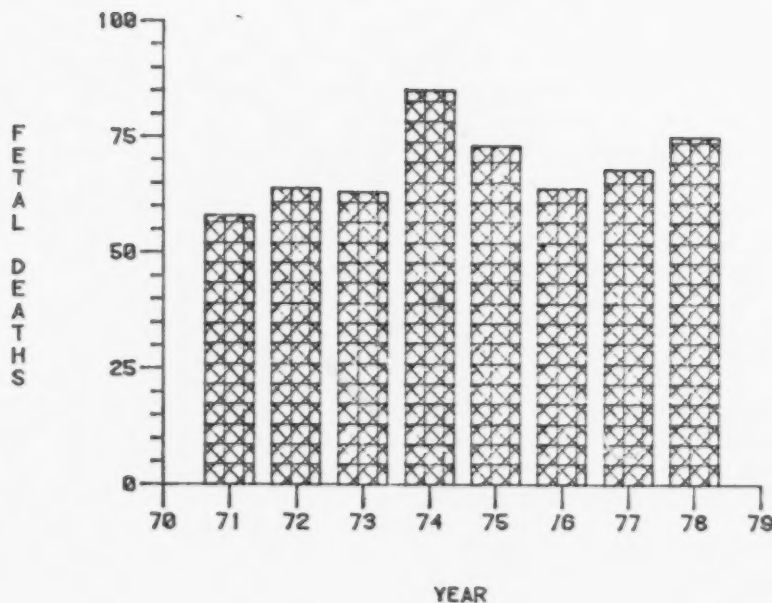
FETAL MORTALITY⁵

	Year							
	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Alaska (Absolute Frequency)	58	64	63	85	73	64	68	75
Alaska Rate	7.9	9.2	9.5	12.0	9.7	8.1	8.1	8.5
U.S. Ratio ⁶	13.4	12.7	12.2	11.5	10.7	10.5	*	*

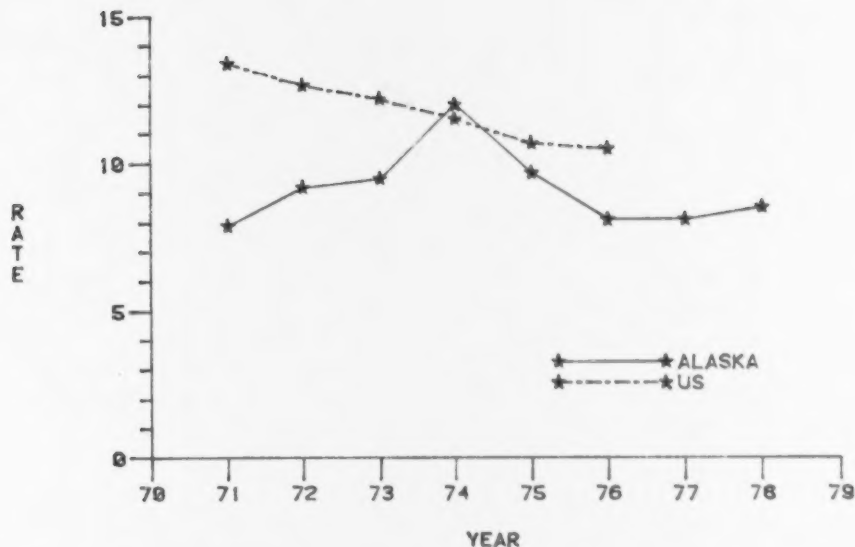
* 1977 and 1978 - Not Available

A fetal death is a product of conception of 20 weeks or more that shows no signs of life after complete birth. The absolute frequency of fetal deaths in Alaska has fluctuated over the past seven years. A large number of fetal deaths were recorded in 1974 with 85 fetal deaths registered. A small number of fetal deaths was recorded in 1971 (58). There was a dramatic increase of 34.9 percent between 1973 and 1974. A constant decrease in the number of fetal deaths from 1974 to 1975 and from 1975 to 1976 can be seen. An increase of 6.3 percent, from 64 in 1976 to 68 in 1977 and 75 in 1978 can be seen. There was a 4.2 percent average annual increase in the number of fetal deaths from 1971 to 1978.

ALASKA
FETAL DEATHS
1971 TO 1978



FETAL DEATH RATIO
ALASKA AND UNITED STATES
1971 TO 1978



* 1977 AND 1978 UNITED STATES RATIOS WERE NOT AVAILABLE

A fetal death rate could be computed by relating the number of fetal deaths to the number of live births and fetal deaths (total pregnancies). However, for some time to come registration and reporting of fetal deaths will be incomplete in widely varying degrees throughout Alaska and the United States. Therefore, a fetal death ratio is computed which is an index of fetal deaths on the total number of live births alone rather than on a total of live births plus fetal deaths.

The fetal death ratio in Alaska has increased from 1971 (7.9 fetal deaths per 1000 live births) to 1974 (12.0 fetal deaths per 1000 live births). The 1977 and 1978 fetal death ratios for the United States are not yet available.

The United States fetal death ratio has steadily declined from 1971 to 1977. The fetal death ratio for the United States for 1978 is not yet available.

The Alaska fetal death ratio has been several deaths per 1000 live births below the United States ratio with the exception of 1974, when Alaska's ratio was slightly greater than the U.S. ratio.

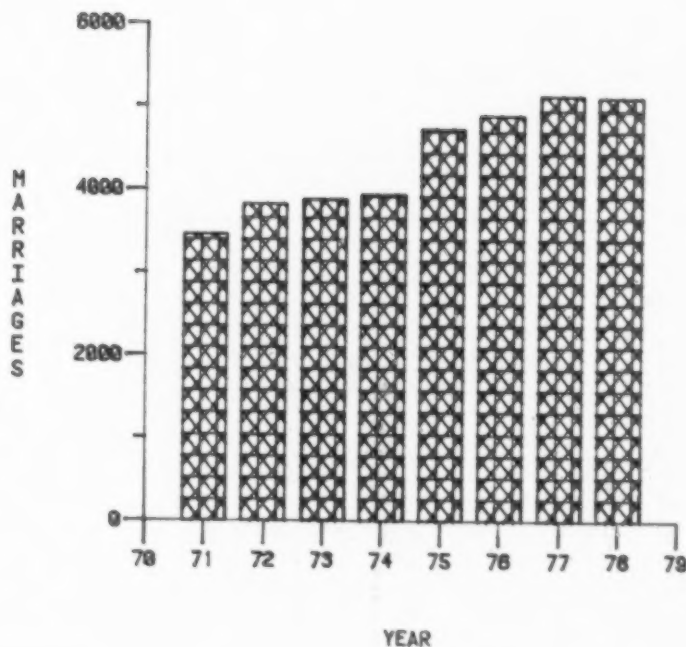
Present knowledge of fetal mortality suffers from the defects of under-registration and presumably will yield to the solution of standardization of definitions, classifications and tabulations, and improvement in registration completeness.

MARRIAGE

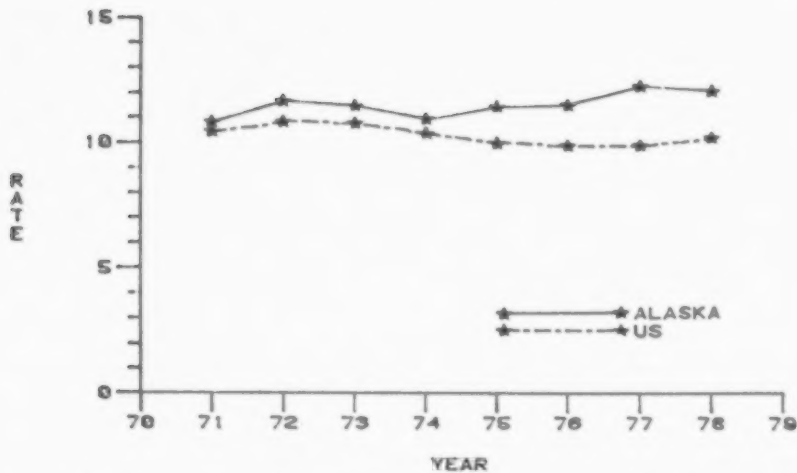
	Year							
	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Alaska (Absolute Frequency)	3453	3828	3872	3933	4734	4893	5143	5111
Alaska Rate	11.1	11.9	11.7	11.2	11.7	11.8	12.5	12.3
U.S. Rate	10.6	11.0	10.9	10.5	10.1	10.0	10.1	10.3

The number of marriages in Alaska increased from 1976 to 1977 by 5.1 percent then dropped off slightly in 1978. There had been a steady constant increase in the number of marriages in Alaska from 1971 to 1977. A dramatic increase in the number of marriages occurred from 1974 to 1975 (20.4 percent). A 6.9 percent average annual increase in the number of marriages can be seen for the period from 1971 to 1978.

ALASKA
MARRIAGES
1971 TO 1978



CRUDE MARRIAGE RATE
ALASKA AND UNITED STATES
1971 TO 1978



The crude marriage rate expresses the additions, by the formal means of legal marriage, being made to the married segment of the total general population. The rate is not a true probability index because it is computed on the total population of all marital conditions and ages. Nor is it a true measure of marriage in the social or demographic sense, since it does not take into account the formation of consensual or common law marriages. But as a gross measure of the level of the relative frequency of marriages in the same area over a relatively short period of years, this rate has many uses.

The principle source of error in marriage rates arise from the fact that many couples experience the event in locations other than their usual residence.

The crude marriage rate is computed as the total number of marriages divided by the total population per base 1000.

The crude marriage rate in Alaska has been on the increase since 1974. The Alaska rate increased from 11.1 marriages per 1000 population in 1971 to 11.9 marriages per 1000 population in 1972 and then dropped from 11.9 in 1971 to 11.7 in 1973 to 11.2 in 1974. The highest marriage rate was in 1977 with 12.5 marriages per 1000 population, and the lowest marriage rate was in 1971 with 11.1.

The crude marriage rate in the United States has been on the decline since 1972 and has been decreasing consistently. There was a slight increase in the crude marriage rate from 1971 to 1972.

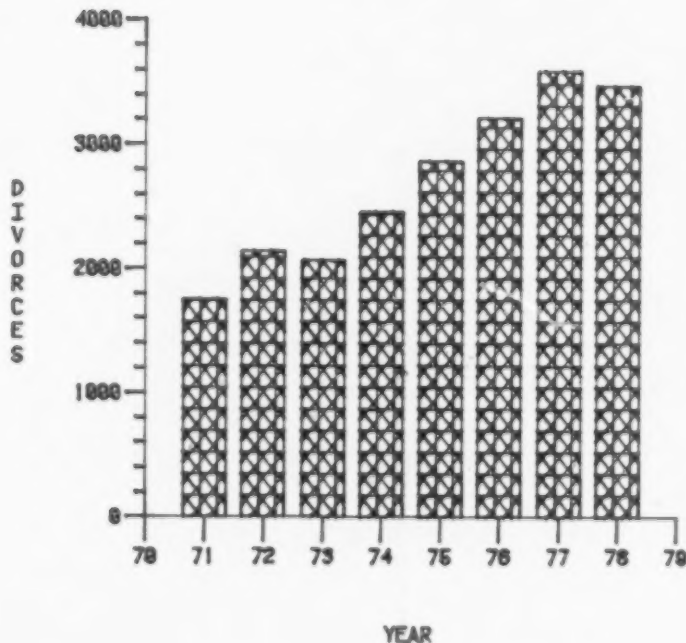
The crude marriage rate in Alaska has been consistently higher than the rate for the United States as a whole, probably due to a predominantly young population. The trend in the United States' crude marriage rate is downward (decreasing) whereas the trend in the Alaska rate is upward (increasing).

DIVORCE

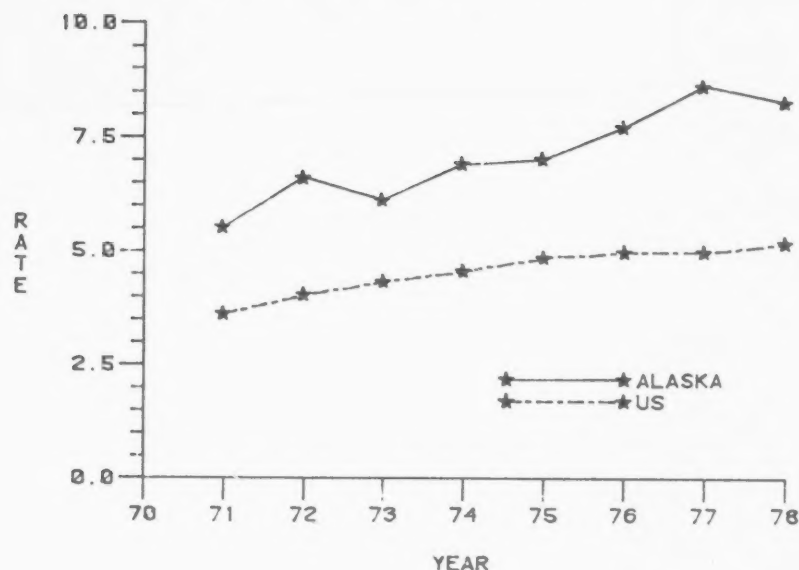
	Year							
	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Alaska (Absolute Frequency)	1746	2141	2062	2452	2865	3210	3581	3468
Alaska Rate	5.6	6.7	6.2	7.0	7.1	7.8	8.7	8.3
U.S. Rate	3.7	4.1	4.4	4.6	4.9	5.0	5.0	5.2

Until 1978, divorce in Alaska has been on the increase. Since 1973 the number of divorces has increased from 2062 to 3581 in 1977. A large increase in the number of divorces can be seen from 1971 to 1972 with a 22.6 percent increase. The lowest number of divorces during the period under observation occurred in 1971, and the greatest frequency of divorces occurred in 1977. There was an 11.6 percent increase in the number of divorces from 1976 to 1977 followed by a 3.2 percent decrease in 1978. From 1971 to 1978 there has been a 14 percent average annual increase in divorces in Alaska.

ALASKA
DIVORCES
1971 TO 1978



CRUDE DIVORCE RATE
ALASKA AND UNITED STATES
1971 TO 1978



The crude divorce rate is a measure of the rate by which marriages are dissolved by legal process, that is, through means other than death. The method of computation to obtain a rate, analogous to other crude rates, relates total divorces to the total population per base 1000. The rate computed is useful in analyzing short-time trends.

The obvious defect of the crude divorce rate is that the total population is not all subject to marriage dissolution, because the individuals in the population are not all in the married state.

As in the crude marriage rate, the principal source of error arises from the fact that many couples experience the event in locations other than their usual residence.

The Alaska crude divorce rate has generally been on the rise. From 1971 to 1972 the rate rose from 5.6 divorces per 1000 population to 6.7 divorces per 1000 population and then in the period from 1972 to 1973 the rate decreased from 6.7 to 6.2. The lowest crude divorce rate in Alaska was in 1971 (5.6/1000) and the highest rate was in 1977 with 8.7 dissolutions per 1000 population.

The United States crude divorce rate increased for the period from 1971 to 1978. The United States rate has gone from 3.7 divorces per 1000 population in 1971 to 5.2 divorces per 1000 population in 1977.

On the average, the Alaska crude divorce rate has been 2.5 divorces per 1000 population greater than the corresponding national rate.

FOOTNOTES

1. United States rates, employed in this section, are from the Monthly Vital Statistics Report, "Provisional Statistics, Annual Summary for the United States, 1978 Births, Deaths, Marriages and Divorces", U.S. Dept. of H.E.W., Public Health Service, National Center for Health Statistics.
It should be noted that all National 1978 vital statistics rates are provisional.
2. All definitions and technical notes (formulae for rates and ratios) can be found on pages 8 and 9 of this report.
3. The population estimates, on which the rates are based, can be found on page 12 of this report and are courtesy of the Alaska Department of Labor, Research and Analysis Section, Alaska Population Center.
4. A more detailed analysis of neonatal and fetal mortality in Alaska, using occurrence data, may be found in the Office of Information Systems' research study titled Perinatal Mortality 1973 - 1977, Alaska, DHSS 6-79, December 1978.
5. IBID.
6. The United States fetal death ratios, used in this section, were acquired by contacting the National Center for Health Statistics, Mortality Division.
The ratios are for United States citizens. The 1977 and 1978 figures are not yet tabulated and computed.

1978

summary:

SUMMARY OF ALASKA VITAL STATISTICS

Births, Deaths, Marriages, Divorces

1978

Estimated Population	1978	BIRTHS*		DEATHS*		MARRIAGES**		DIVORCES***	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Alaska	416,400	8,849		1,698		5,111		3,469	
Aleutian Islands	8,000	123	1.4	17	1.0	43	0.8	-	-
Anchorage	185,500	3,825	43.2	593	34.9	2,469	48.3	2,006	57.8
Angoon	600	10	0.1	11	0.6	5	0.1	-	-
Barrow	8,300	97	1.1	23	1.4	34	0.7	9	0.3
Bethel	10,000	239	2.7	45	2.7	65	1.3	19	0.5
Bristol Bay Borough	1,400	19	0.2	5	0.3	11	0.2	-	-
Bristol Bay	3,900	81	0.9	21	1.2	32	0.6	-	-
Cordeva-McCarthy	2,400	33	0.4	20	1.2	35	0.7	-	-
Fairbanks	55,500	1,356	15.3	202	11.9	754	14.8	654	18.9
Haines	1,500	35	0.4	6	0.4	27	0.5	-	-
Juneau	19,500	305	3.4	74	4.4	240	4.7	210	6.1
Kenai-Cook Inlet	22,300	504	5.7	89	5.2	281	5.5	141	4.1
Ketchikan-Gateway	12,600	215	2.4	68	4.0	157	3.1	151	4.4
Kobuk	5,300	157	1.8	35	2.1	44	0.9	-	-
Kodiak	9,600	223	2.5	45	2.7	144	2.8	109	3.1
Kuskokwim	2,700	67	0.8	22	1.3	14	0.3	-	-
Matanuska-Susitna	15,400	367	4.1	85	5.0	224	4.4	-	-
Nome	7,200	170	1.9	60	3.5	47	0.9	47	1.4
Outer Ketchikan	2,000	38	0.4	10	0.6	14	0.3	-	-
Prince of Wales	2,600	32	0.4	14	0.8	13	0.3	-	-
Seward	3,100	54	0.6	21	1.2	47	0.9	-	-
Sitka	7,200	173	2.0	50	2.9	91	1.8	75	2.2
Skagway-Yakutat	2,800	65	0.7	16	0.9	34	0.7	-	-
Southeast Fairbanks	5,300	131	1.5	18	1.1	65	1.3	-	-
Upper Yukon	1,200	45	0.5	15	0.9	12	0.2	-	-
Valdez-Chitina-Whittier	5,000	144	1.6	21	1.2	85	1.7	48	1.4
Wade Hampton	4,400	129	1.5	29	1.7	22	0.4	-	-
Wrangell Petersburg	5,600	100	1.1	46	2.7	64	1.3	-	-
Yukon-Koyukuk	5,500	112	1.3	37	2.2	34	0.7	-	-

* Births and Deaths are listed according to Residence.

** Marriages are listed according to Occurrence.

*** Divorces are listed according to the place the decree is filed which is limited to the Superior Courts within the four Alaskan Judicial Districts.

BIRTHS



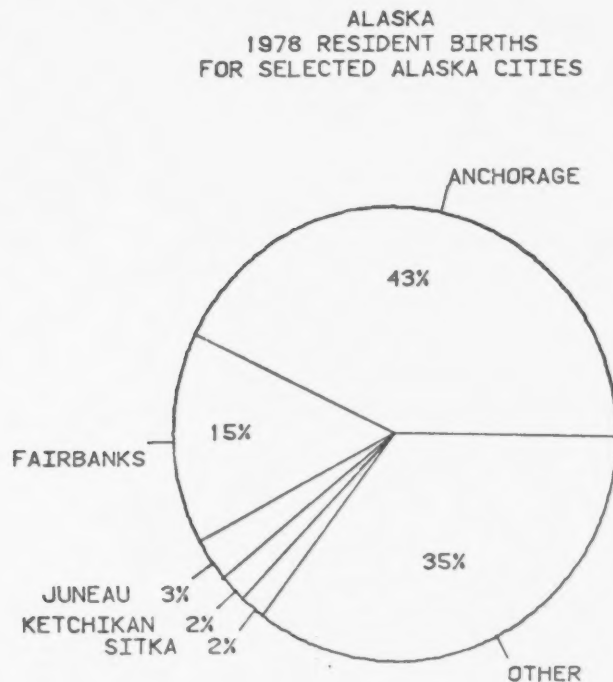
BIRTHS

Overview

In the State of Alaska in 1978 there were 8849 resident births. All births to residents of Alaska, regardless of whether the birth occurred within or outside of Alaska, are included in the following statistics.

Of the resident births, 98.7 percent (8737) occurred in Alaska, while 1.3 percent (112) occurred outside Alaska. Complications of pregnancy occurred in 13.4% of the births which occurred outside of the state, while there were complications of pregnancy in only 7.1% of the births which occurred in Alaska.

The following graph illustrates the geographic distribution of births to Alaska residents during 1978. Forty-three percent of all births were to residents of the Anchorage area, 15 percent to residents of the Fairbanks region, 3 percent to Juneau area residents, and 2 percent each in the Ketchikan and Sitka areas. There five areas accounted for approximately 65% of all births to Alaska residents during 1978.



BASED ON CENSUS DIVISIONS

The majority of infants were delivered in a health facility; only 2.5 percent of all Alaska resident births occurred outside of a health facility.

PLACE OF DELIVERY

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
MEDICAL FACILITY	8629	97.5
OUTSIDE MED FAC	220	2.5
	8849	100.0

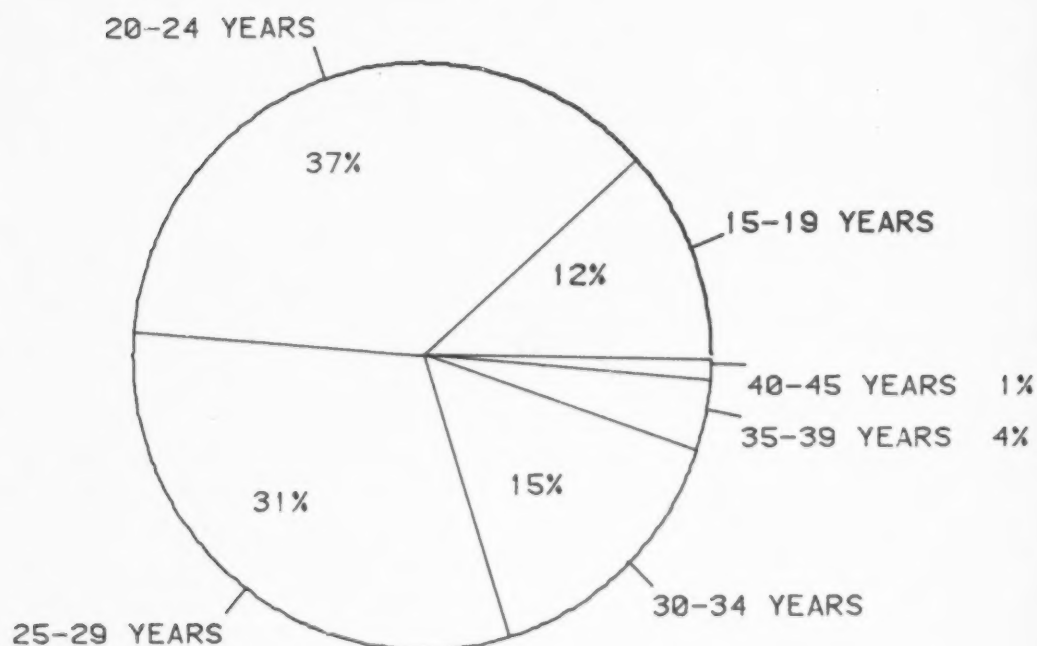
Seven and eight-tenths percent of all the resident births for Alaska during 1978 were attended by a midwife. A physician attended 89.4 percent of the births.

ATTENDANT AT BIRTH

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
MEDICAL DOCTOR	7915	89.4
MIDWIFE	690	7.8
NURSE	80	0.9
OTHER	164	1.9
	8849	100.0

For thirty-seven percent of births where the age of the mother was reported, the mother was in the age group 20 to 24 years. The mother was 25 to 29 years of age for 31% of the cases. The age group of the mother was 15 to 19 for 12% of the live births and 30 to 34 years for 15%. Only 5% were over 34 years of age, and less than one percent were under 15 years old.

ALASKA
1978 RESIDENT BIRTHS
AGE OF MOTHER



UNDER 15 YEARS: 12 OCCURRENCES
45 YEARS AND OVER: 4 OCCURRENCES

Ninety-two percent of all infants born in 1978 to Alaska residents were of normal birthweight. Two and three-tenths percent of the infants had a high birthweight and 5.3 percent had a low birthweight.

BIRTHWEIGHT OF CHILD

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
LOW	470	5.3
NORMAL	8141	92.0
HIGH	203	2.3
NOT STATED	35	0.4
	-----	-----
	8849	100.0

BIRTHWEIGHT:

LOW: UNDER 2500 GRAMS (UNDER 5 1/2 POUNDS)
 NORMAL: 2500 - 4500 GRAMS (5 1/2 POUNDS THROUGH 9 POUNDS 15 OUNCES)
 HIGH: OVER 4500 GRAMS (10 POUNDS AND OVER)

The following pages present, in tabular form, the various characteristics of the child, the parents, and the pregnancy as recorded on the certificate of live birth.

tables:

1978 BIRTHS: ALASKA RESIDENTS

PLACE OF BIRTH			SEX OF CHILD		
	ABSOLUTE FREQ	RELATIVE FREQ (PCT)		ABSOLUTE FREQ	RELATIVE FREQ (PCT)
BORN IN ALASKA	8737	98.7	MALE	4588	51.8
BORN OUT OF AK	112	1.3	FEMALE	4261	48.2
	-----	-----		-----	-----
	8849	100.0		8849	100.0

NUMBER OF LIVING CHILDREN INCLUDING THIS BIRTH			RACE OF CHILD		
	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	CATEGORY LABEL	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
ONE CHILD	3902	44.1	WHITE	6270	70.9
TWO CHILDREN	2709	30.6	ESKIMO	1056	11.9
THREE CHILDREN	1308	14.8	ALEUT	213	2.4
FOUR CHILDREN	514	5.8	INDIAN	545	6.2
FIVE CHILDREN	192	2.2	NON-AK INDIAN	59	0.7
SIX CHILDREN	105	1.2	OTHER NATIVE	36	0.4
SEVEN CHILDREN	43	0.5	BLACK	392	4.4
EIGHT CHILDREN	15	0.2	CHINESE	15	0.2
NINE CHILDREN	19	0.2	JAPANESE	32	0.4
TEN CHILDREN	5	0.1	HAWAIIAN	12	0.1
ELEVEN CHILDREN	3	0.0	FILIPINO	85	1.0
TWELVE CHILDREN	3	0.0	GUAMIAN	1	0.0
NOT STATED	31	0.4	OTHER	121	1.4
	-----	-----	NOT STATED	12	0.1
	8849	100.0		-----	-----
				8849	100.0

1978 BIRTHS: ALASKA RESIDENTS

COMPLICATIONS OF LABOR

TYPE OF MEDICAL FACILITY			ABSOLUTE FREQ	RELATIVE FREQ (PCT)
	ABSOLUTE FREQ	RELATIVE FREQ (PCT)		
INPATIENT	5940	67.1	NONE	6555 74.1
MILITARY INPATIENT	1368	15.5	OPERATIVE DELIV	786 8.9
IHS-PHS INPATIENT	1255	14.2	PREMATURITY	294 3.3
OUTPATIENT CLINICS	50	0.6	FETAL DISTRESS	405 4.6
MILITARY OUTPATIENT	12	0.1	MALPOSITION	175 2.0
IHS-PHS OUTPATIENT	4	0.0	ABNORMAL PLACENTA	75 0.8
OTHER	220	2.5	FORCEPS EXTRACT	26 0.3
	<u>8849</u>	<u>100.0</u>	PROLONGED LABOR	85 1.0
			OTHER, UNCLASS	314 3.5
			NOT STATED	134 1.5
				<u>8849</u> <u>100.0</u>

MONTH PRENATAL CARE BEGAN

CATEGORY LABEL	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
NO CARE	61	0.7
FIRST MONTH	709	8.0
SECOND MONTH	2765	31.2
THIRD MONTH	2508	28.3
FOURTH MONTH	1146	13.0
FIFTH MONTH	512	5.8
SIXTH MONTH	273	3.1
SEVENTH MONTH	179	2.0
EIGHTH MONTH	131	1.5
NINTH MONTH	68	0.8
NOT STATED	497	5.6
	8849	100.0

NUMBER OF PRENATAL VISITS

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
NO VISITS	84	0.9
1 - 5 VISITS	1103	12.5
6 - 10 VISITS	3524	39.8
11 - 15 VISITS	3382	38.2
16 - 20 VISITS	271	3.1
21 - 25 VISITS	27	0.3
OVER 25 VISITS	17	0.2
NOT STATED	441	5.0
	8849	100.0

1978 BIRTHS: ALASKA RESIDENTS

RACE OF MOTHER			RACE OF FATHER		
	ABSOLUTE FREQ	RELATIVE FREQ (PCT)		ABSOLUTE FREQ	RELATIVE FREQ (PCT)
WHITE	6575	74.3	WHITE	6492	73.4
ESKIMO	985	11.1	ESKIMO	566	6.4
ALEUT	161	1.8	ALEUT	132	1.5
INDIAN	486	5.5	INDIAN	270	3.1
NON-AK INDIAN	48	0.5	NON-AK INDIAN	46	0.5
OTHER NATIVE	38	0.4	OTHER NATIVE	17	0.2
BLACK	321	3.6	BLACK	343	3.9
CHINESE	13	0.1	CHINESE	8	0.1
JAPANESE	21	0.2	JAPANESE	21	0.2
HAWAIIAN	7	0.1	HAWAIIAN	5	0.1
FILIPINO	73	0.8	FILIPINO	61	0.7
GUAMIAN	1	0.0	GUAMIAN	1	0.0
OTHER	106	1.2	OTHER	62	0.7
NOT STATED	14	0.2	NOT STATED	825	9.3
	8849	100.0		8849	100.0

AGE OF MOTHER			AGE OF FATHER		
	ABSOLUTE FREQ	RELATIVE FREQ (PCT)		ABSOLUTE FREQ	RELATIVE FREQ (PCT)
UNDER 15 YEARS	12	0.1	15 - 19 YEARS	211	2.4
15 - 19 YEARS	1064	12.0	20 - 24 YEARS	1937	21.9
20 - 24 YEARS	3320	37.5	25 - 29 YEARS	2805	31.7
25 - 29 YEARS	2738	30.9	30 - 34 YEARS	1866	21.1
30 - 34 YEARS	1303	14.7	35 - 39 YEARS	764	8.6
35 - 39 YEARS	345	3.9	40 - 44 YEARS	236	2.7
40 - 44 YEARS	59	0.7	45 YEARS & OVER	118	1.3
45 YEARS & OVER	4	0.0	NOT STATED	912	10.3
NOT STATED	4	0.0		8849	100.0
	8849	100.0			

AGE OF MOTHER
 MEAN: 25.1 YEARS
 MEDIAN: 24.5 YEARS
 MODE: 24.0 YEARS

AGE OF FATHER
 MEAN: 28.4 YEARS
 MEDIAN: 27.7 YEARS
 MODE: 25.0 YEARS

1978 BIRTHS: ALASKA RESIDENTS

HOUR OF BIRTH

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
12:00 - 12:59 AM	313	3.5
1:00 - 1:59 AM	279	3.2
2:00 - 2:59 AM	327	3.7
3:00 - 3:59 AM	347	3.9
4:00 - 4:59 AM	340	3.8
5:00 - 5:59 AM	297	3.4
6:00 - 6:59 AM	338	3.8
7:00 - 7:59 AM	363	4.1
8:00 - 8:59 AM	517	5.8
9:00 - 9:59 AM	440	5.0
10:00 - 10:59 AM	440	5.0
11:00 - 11:59 AM	432	4.9
12:00 - 12:59 PM	412	4.7
1:00 - 1:59 PM	427	4.8
2:00 - 2:59 PM	382	4.3
3:00 - 3:59 PM	396	4.5
4:00 - 4:59 PM	401	4.5
5:00 - 5:59 PM	389	4.4
6:00 - 6:59 PM	380	4.3
7:00 - 7:59 PM	348	3.9
8:00 - 8:59 PM	353	4.0
9:00 - 9:59 PM	292	3.3
10:00 - 10:59 PM	316	3.6
11:00 - 11:59 PM	304	3.4
NOT STATED	16	0.2
	8849	100.0

MONTH OF BIRTH

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
JANUARY	741	8.4
FEBRUARY	626	7.1
MARCH	783	8.8
APRIL	715	8.1
MAY	759	8.6
JUNE	744	8.4
JULY	753	8.5
AUGUST	811	9.2
SEPTEMBER	763	8.6
OCTOBER	761	8.6
NOVEMBER	677	7.7
DECEMBER	716	8.1
	8849	100.0

1978 BIRTHS: ALASKA RESIDENTS

ATTENDANT AT BIRTH BY TYPE OF HEALTH FACILITY

	INPAT FACILITY	MILITARY INPAT	IHS-PHS INPAT	OUTPAT CLINICS	MILITARY OUTPAT	IHS-PHS OUTPAT	OTHER	ROW TOTAL
MEDICAL DOCTOR	5754	1045	1029	40	12	3	32	7915 89.4
MIDWIFE	110	320	186	6	0	0	68	690 7.8
NURSE	59	0	3	3	0	0	15	80 0.9
OTHER	17	3	37	1	0	1	105	164 1.9
COLUMN TOTAL	5940 67.1	1368 15.5	1255 14.2	50 0.6	12 0.1	4 0.0	220 2.5	8849 100.0

NUMBER OF CHILDREN BY MONTH PRENATAL CARE BEGAN

	NO CARE	FIRST MONTH	SECOND MONTH	THIRD MONTH	FOURTH MONTH	FIFTH MONTH	SIXTH MONTH	SEVENTH MONTH	EIGHTH MONTH	NINTH MONTH	NOT STATED	ROW TOTAL
ONE CHILD	27	309	1290	1090	499	209	115	87	57	25	194	3902 44.1
TWO CHILDREN	13	242	867	765	348	156	77	44	34	17	146	2709 30.6
THREE CHILDREN	11	109	373	397	164	67	49	25	20	15	78	1308 14.8
FOUR CHILDREN	6	30	151	153	67	37	14	10	9	6	31	514 5.8
FIVE CHILDREN	2	9	44	50	38	17	9	5	2	2	14	192 2.2
SIX CHILDREN	0	7	23	28	15	15	3	4	3	0	7	105 1.2
SEVEN CHILDREN	2	2	3	11	8	8	3	1	0	1	4	43 0.5
EIGHT CHILDREN	0	0	5	5	1	1	1	1	0	1	0	15 0.2
NINE CHILDREN	0	0	2	4	5	1	1	1	1	1	3	19 0.2
TEN CHILDREN	0	0	1	2	0	1	0	0	1	0	0	5 0.1
ELEVEN CHILDREN	0	0	0	0	0	0	1	1	1	0	0	3 0.0
TWELVE CHILDREN	0	0	0	0	0	0	0	0	2	0	1	3 0.0
NOT STATED	0	1	6	3	1	0	0	0	1	0	19	31 0.4
COLUMN TOTAL	61 0.7	709 8.0	2765 31.2	2508 28.3	1146 13.0	512 5.8	273 3.1	179 2.0	131 1.5	68 0.8	497 5.6	8849 100.0

1978 BIRTHS: ALASKA RESIDENTS

RACE OF CHILD BY BIRTHWEIGHT OF CHILD

	LOW	NORMAL	HIGH	NOT STATED	ROW TOTAL
WHITE	300	5808	150	12	6270 70.9
ESKIMO	79	949	23	5	1056 11.9
ALEUT	4	199	8	2	213 2.4
INDIAN	39	487	12	7	545 6.2
NON-AK INDIAN	3	54	1	1	59 0.7
OTHER NATIVE	2	34	0	0	36 0.4
BLACK	34	356	2	0	392 4.4
CHINESE	0	15	0	0	15 0.2
JAPANESE	0	32	0	0	32 0.4
HAWAIIAN	1	10	1	0	12 0.1
FILIPINO	4	79	2	0	85 1.0
GUAMIAN	0	1	0	0	1 0.0
OTHER	4	112	4	1	121 1.4
NOT STATED	0	5	0	7	12 0.1
COLUMN TOTAL	470 5.3	8141 92.0	203 2.3	35 0.4	8849 100.0

AGE OF MOTHER BY BIRTHWEIGHT OF CHILD

	LOW	NORMAL	HIGH	NOT STATED	ROW TOTAL
UNDER 15 YEARS	1	10	1	0	12 0.1
15 - 19 YEARS	75	969	15	5	1064 12.0
20 - 24 YEARS	175	3059	68	18	3320 37.5
25 - 29 YEARS	130	2542	59	7	2738 30.9
30 - 34 YEARS	71	1174	53	5	1303 14.7
35 - 39 YEARS	15	324	6	0	345 3.9
40 - 44 YEARS	3	55	1	0	59 0.7
45 YEARS & OVER	0	4	0	0	4 0.0
NOT STATED	0	4	0	0	4 0.0
COLUMN TOTAL	470 5.3	8141 92.0	203 2.3	35 0.4	8849 100.0

BIRTHWEIGHT:

LOW: UNDER 2500 GRAMS (UNDER 5 1/2 POUNDS)
 NORMAL: 2500 - 4500 GRAMS (5 1/2 POUNDS THROUGH 9 POUNDS 15 OUNCES)
 HIGH: OVER 4500 GRAMS (10 POUNDS AND OVER)

1978 BIRTHS: ALASKA RESIDENTS

AGE OF MOTHER BY AGE OF FATHER

	15 - 19 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	45 YEARS & OVER	NOT STATED	ROW TOTAL
UNDER 15 YEARS	3	0	0	0	0	0	0	9	12 0.1
15 - 19 YEARS	167	427	102	25	8	1	0	334	1064 12.0
20 - 24 YEARS	38	1320	1178	333	82	16	9	344	3320 37.5
25 - 29 YEARS	2	168	1346	815	199	46	21	141	2738 30.9
30 - 34 YEARS	1	20	158	628	328	77	33	58	1303 14.7
35 - 39 YEARS	0	2	18	58	133	78	36	20	345 3.9
40 - 44 YEARS	0	0	3	5	14	17	16	4	59 0.7
45 YEARS & OVER	0	0	0	0	0	1	3	0	4 0.0
NOT STATED	0	0	0	2	0	0	0	2	4 0.0
COLUMN TOTAL	211 2.4	1937 21.9	2805 31.7	1866 21.1	764 8.6	236 2.7	118 1.3	912 10.3	8849 100.0

RACE OF MOTHER BY AGE OF MOTHER

	UNDER 15 YEARS	15 - 19 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	45 YEARS & OVER	NOT STATED	ROW TOTAL
WHITE	6	658	2475	2124	1019	254	36	1	2	6575 74.3
ESKIMO	4	176	368	257	131	37	8	3	1	985 11.1
ALEUT	0	42	67	35	12	5	0	0	0	161 1.8
INDIAN	1	104	184	119	51	21	6	0	0	486 5.5
NON-AK INDIAN	0	10	19	10	3	6	0	0	0	48 0.5
OTHER NATIVE	0	8	11	9	6	4	0	0	0	38 0.4
BLACK	1	61	140	84	23	8	4	0	0	321 3.6
CHINESE	0	0	1	9	2	1	0	0	0	13 0.1
JAPANESE	0	1	3	10	5	2	0	0	0	21 0.2
HAWAIIAN	0	1	4	1	1	0	0	0	0	7 0.1
FILIPINO	0	2	21	25	19	3	2	0	1	73 0.8
GUAMIAN	0	0	0	1	0	0	0	0	0	1 0.0
OTHER	0	0	22	47	30	4	3	0	0	106 1.2
NOT STATED	0	1	5	7	1	0	0	0	0	14 0.2
COLUMN TOTAL	12 0.1	1064 12.0	3320 37.5	2738 30.9	1303 14.7	345 3.9	59 0.7	4 0.0	4 0.0	8849 100.0

1978 BIRTHS: ALASKA RESIDENTS

AGE OF MOTHER BY MARITAL STATUS OF MOTHER

	MARRIED	NOT MARRIED	NOT STATED	ROW TOTAL
UNDER 15 YEARS	2	10	0	12 0.1
15 - 19 YEARS	662	402	0	1064 12.0
20 - 24 YEARS	2853	462	5	3320 37.5
25 - 29 YEARS	2529	206	3	2738 30.9
30 - 34 YEARS	1215	87	1	1303 14.7
35 - 39 YEARS	312	32	1	345 3.9
40 - 44 YEARS	50	9	0	59 0.7
45 YEARS & OVER	4	0	0	4 0.0
NOT STATED	3	1	0	4 0.0
COLUMN TOTAL	7630 86.2	1209 13.7	10 0.1	8849 100.0

AGE OF MOTHER BY CONGENITAL MALFORMATIONS AND ANOMALIES

COUNT	NONE	NEURAL DEFECTS	HEART-LNG-CHST	ABDOM-INAL	CLEFT LIP-PALT	LIMB ANOMOLY	OTHER MAJOR	MINOR	OTHER, UNCLASS	NOT STATED	ROW TOTAL
UNDER 15 YEARS	12	0	0	0	0	0	0	0	0	0	12 0.1
15 - 19 YEARS	1018	0	5	2	3	3	1	8	10	14	1064 12.0
20 - 24 YEARS	3225	1	11	4	4	6	3	6	20	40	3320 37.5
25 - 29 YEARS	2665	0	5	6	4	7	3	6	8	34	2738 30.9
30 - 34 YEARS	1235	0	2	2	3	5	6	5	9	36	1303 14.7
35 - 39 YEARS	333	0	1	1	1	1	1	0	1	6	345 3.9
40 - 44 YEARS	54	0	0	0	0	1	0	0	0	4	59 0.7
45 YEARS & OVER	3	0	0	0	0	0	0	0	0	1	4 0.0
NOT STATED	2	0	0	0	0	0	0	0	1	1	4 0.0
COLUMN TOTAL	8547 96.6	1 0.0	24 0.3	15 0.2	15 0.2	23 0.3	14 0.2	25 0.3	49 0.6	136 1.5	8849 100.0

1978 BIRTHS: ALASKA RESIDENTS

COMPLICATIONS, ILLNESSES, OR CONDITIONS OF PREGNANCY BY AGE OF MOTHER

	UNDER 15 YEARS	15 - 19 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	45 YEARS & OVER	NOT STATED	ROW TOTAL
NONE	9	960	3031	2535	1184	302	48	2	3	8074 91.2
ECLAMPSIA, TOXEMIA, PRE-ECLAMPSIA	2	38	88	33	15	2	0	0	0	178 2.0
DIABETES	0	4	9	12	7	8	1	0	0	41 0.5
ANEMIA	0	11	24	10	6	4	1	0	0	56 0.6
VAGINAL BLEEDING	0	0	5	10	5	2	0	0	0	22 0.2
HYPERTENSION	0	10	27	19	11	6	1	0	0	74 0.8
EXCESSIVE WEIGHT GAIN	0	2	2	2	1	0	1	0	0	8 0.1
PERNICIOUS VOMITING	0	1	3	4	0	1	0	0	0	9 0.1
INFECTIONS	0	7	5	8	1	0	0	0	0	21 0.2
OTHER, NOT CLASSIFIABLE	1	17	87	66	36	14	3	1	0	225 2.5
NOT STATED	0	14	39	39	37	6	4	1	1	141 1.6
COLUMN TOTAL	12 0.1	1064 12.0	3320 37.5	2738 30.9	1303 14.7	345 3.9	59 0.7	4 0.0	4 0.0	8849 100.0

COMPLICATIONS OF LABOR AND DELIVERY BY AGE OF MOTHER

	UNDER 15 YEARS	15 - 19 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	45 YEARS & OVER	NOT STATED	ROW TOTAL
NONE	8	785	2445	2060	958	254	39	3	3	6555 74.1
OPERATIVE DELIVERY	0	83	281	251	131	35	5	0	0	786 8.9
PREMATURITY	0	47	124	70	43	9	1	0	0	294 3.3
EVIDENCE OF FETAL DISTRESS	1	45	171	129	39	19	1	0	0	405 4.6
MALPOSITION	0	20	58	59	24	7	7	0	0	175 2.0
ABNORMALITY OF PLACENTA	0	7	23	23	16	5	1	0	0	75 0.8
FORCEPS EXTRACTION	0	2	10	11	3	0	0	0	0	26 0.3
PROLONGED LABOR	1	19	36	14	14	1	0	0	0	85 1.0
OTHER, NOT CLASSIFIABLE	2	42	134	85	40	9	2	0	0	314 3.5
NOT STATED	0	14	38	36	35	8	3	1	1	134 1.5
COLUMN TOTAL	12 0.1	1064 12.0	3320 37.5	2738 30.9	1303 14.7	345 3.9	59 0.7	4 0.0	4 0.0	8849 100.0

1978 BIRTHS: ALASKA RESIDENTS

CENSUS DIVISION BY RACE OF MOTHER

	WHITE	ESKIMO	ALEUT	INDIAN	NON-AK INDIAN	OTHER NATIVE	BLACK	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	GUAMIAN	OTHER	NOT STATED	ROW TOTAL
ALEUTIAN ISLANDS	77	0	27	3	1	0	0	0	0	1	4	0	10	0	123 1.4
ANCHORAGE	3182	126	50	67	16	8	239	11	17	3	35	0	66	5	3825 43.2
ANGON	3	1	0	6	0	0	0	0	0	0	0	0	0	0	10 0.1
BARROW	19	84	0	1	2	0	0	0	0	0	0	0	0	0	97 1.1
BETHEL	24	210	0	1	1	1	0	0	0	0	0	0	2	0	239 2.7
BRISTOL BAY BORO	11	1	5	1	0	1	0	0	0	0	0	0	0	0	19 0.2
BRISTOL BAY	14	44	12	11	0	0	0	0	0	0	0	0	0	0	81 0.9
CORDOVA-MCCARTHY	31	0	2	0	0	0	0	0	0	0	0	0	0	0	33 0.4
FAIRBANKS	1167	40	2	44	8	4	69	1	1	2	3	0	14	1	1356 15.3
HAINES	28	0	0	7	0	0	0	0	0	0	0	0	0	0	35 0.4
JUNEAU	247	2	0	34	2	7	1	1	2	0	3	0	2	2	305 3.4
KENAI-COOK INLET	438	9	28	13	2	0	0	0	0	0	1	0	0	3	504 5.7
KETCHIKAN-GATEWAY	174	1	0	33	2	1	1	0	0	0	3	0	0	0	215 2.4
KOBUK	11	140	0	4	1	0	0	0	0	0	0	0	0	1	157 1.8
KODIAK	163	4	31	2	0	0	1	0	0	0	18	0	4	0	223 2.5
KUSKOKWIM	11	30	1	22	0	2	0	0	0	0	0	0	1	0	67 0.8
MAT-SU BOROUGH	353	6	0	2	0	1	0	0	0	1	1	0	1	0	367 4.1
HOME	27	134	1	4	3	0	0	0	0	0	0	0	0	1	170 1.9
OUTER KETCHIKAN	9	0	0	24	2	1	0	0	0	0	0	0	0	0	38 0.4
PRINCE OF WALES	20	1	0	10	0	0	0	0	0	0	0	1	0	0	32 0.4
SEWARD	45	6	0	1	1	0	0	0	0	0	0	0	1	0	54 0.6
SITKA	119	4	2	36	2	2	1	0	1	0	4	0	2	0	173 2.0
SKAGWAY-YAKUTAT	39	1	0	23	1	1	0	0	0	0	0	0	0	0	65 0.7
SE FAIRBANKS	102	0	0	20	0	0	7	0	0	0	0	0	2	0	131 1.5
UPPER YUKON	9	6	0	29	0	0	0	0	0	0	0	0	0	1	45 0.5
VALDEZ-CHIT-UNIT	115	5	4	15	2	0	2	0	0	0	0	0	1	0	144 1.6
WADE HAMPTON	2	127	0	0	0	0	0	0	0	0	0	0	0	0	129 1.5
WRANGELL-PTSBORO	79	1	0	18	1	1	0	0	0	0	0	0	0	0	100 1.1
YUKON-KOYUKUK	45	6	0	53	1	6	0	0	0	0	1	0	0	0	112 1.3
COLUMN TOTAL	6575	985	161	485	48	38	321	13	21	7	73	1	106	14	8849 100.0
	74.3	11.1	1.8	5.5	0.5	0.4	3.6	0.1	0.2	0.1	0.8	0.0	1.2	0.2	

1978 BIRTHS: ALASKA RESIDENTS

CENSUS DIVISION BY AGE OF MOTHER

	UNDER 15 YEARS	15 - 19 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	45 YEARS & OVER	NOT STATED	ROW TOTAL
ALEUTIAN ISLANDS	0	9	55	39	13	5	2	0	0	123 1.4
ANCHORAGE	6	447	1446	1215	559	131	21	0	0	3825 43.2
ANGOODN	0	0	5	4	1	0	0	0	0	10 0.1
BARROW	1	19	38	23	13	2	1	0	0	97 1.1
BETHEL	0	19	79	78	42	17	3	1	0	239 2.7
BRISTOL BAY BORO	0	2	6	7	3	0	1	0	0	19 0.2
BRISTOL BAY	0	6	31	27	8	3	2	0	2	81 0.9
CORDOVA-MCCARTHY	0	2	8	16	7	0	0	0	0	33 0.4
FAIRBANKS	1	133	540	428	187	59	7	1	0	1356 15.3
HAINES	0	3	13	14	5	0	0	0	0	35 0.4
JUNEAU	0	33	101	103	50	14	4	0	0	305 3.4
KENAI-COOK INLET	0	59	201	162	61	21	0	0	0	504 5.7
KETCHIKN-GATEWAY	1	26	76	68	37	6	1	0	0	215 2.4
KOBUK	0	43	50	37	23	2	2	0	0	157 1.8
KODIAK	0	31	85	70	26	9	1	0	1	223 2.5
KUSKOKWIM	0	13	23	16	12	3	0	0	0	67 0.8
MAT-SU BOROUGH	1	46	127	121	56	14	2	0	0	367 4.1
NOME	0	38	64	36	22	7	2	1	0	170 1.9
OUTER KETCHIKAN	0	10	15	8	4	0	1	0	0	38 0.4
PRINCE OF WALES	0	6	11	10	3	2	0	0	0	32 0.4
SEWARD	0	5	24	11	10	4	0	0	0	54 0.6
SITKA	0	17	65	51	33	7	0	0	0	173 2.0
SKAGWAY-YAKUTAT	0	5	24	15	14	9	1	0	0	65 0.7
SE FAIRBANKS	0	15	55	37	16	5	3	0	0	131 1.5
UPPER YUKON	0	6	16	12	7	4	0	0	0	45 0.5
VALDEZ-CHIT-WHIT	0	23	46	39	28	8	0	0	0	144 1.6
WADE HAMPTON	1	18	50	24	24	7	3	1	1	129 1.5
WRANGELL-PTRSBRG	0	13	36	34	15	2	0	0	0	100 1.1
YUKON-KOYUKUK	1	16	30	33	24	6	2	0	0	112 1.3
COLUMN TOTAL	12 0.1	1064 12.0	3320 37.5	2738 30.9	1303 14.7	345 3.9	59 0.7	4 0.0	4 0.0	8849 100.0

1978 BIRTHS: ALASKA RESIDENTS

MULTIPLICITY OF OUTCOME BY HEALTH SERVICE AREA

	SOUTH EAST	SOUTH CENTRAL	NORTHERN	ROW TOTAL
SINGLE	945	5817	1890	8652 97.8
TWIN	28	128	41	197 2.2
COLUMN TOTAL	973 11.0	5945 67.2	1931 21.8	8849 100.0

RACE OF CHILD BY HEALTH SERVICE AREA

	SOUTH EAST	SOUTH CENTRAL	NORTHERN	ROW TOTAL
WHITE	644	4323	1303	6270 70.9
ESKIMO	16	737	303	1056 11.9
ALEUT	12	197	4	213 2.4
INDIAN	240	126	179	545 6.2
NON-AK INDIAN	12	40	7	59 0.7
OTHER NATIVE	12	16	8	36 0.4
BLACK	9	290	93	392 4.4
CHINESE	3	11	1	15 0.2
JAPANESE	5	25	2	32 0.4
HAWAIIAN	1	9	2	12 0.1
FILIPINO	12	67	6	85 1.0
GUAMIAN	1	0	0	1 0.0
OTHER	4	97	20	121 1.4
NOT STATED	2	7	3	12 0.1
COLUMN TOTAL	973 11.0	5945 67.2	1931 21.8	8849 100.0

1978 BIRTHS: ALASKA RESIDENTS
AGE OF MOTHER BY HEALTH SERVICE AREA

	SOUTH EAST	SOUTH CENTRAL	NORTHERN	ROW TOTAL
UNDER 15 YEARS	1	8	3	12 0.1
15 - 19 YEARS	114	711	239	1064 12.0
20 - 24 YEARS	346	2234	740	3320 37.5
25 - 29 YEARS	307	1853	578	2738 30.9
30 - 34 YEARS	162	865	276	1303 14.7
35 - 39 YEARS	36	230	79	345 3.9
40 - 44 YEARS	7	37	15	59 0.7
45 YEARS & OVER	0	3	1	4 0.0
NOT STATED	0	4	0	4 0.0
COLUMN TOTAL	973 11.0	5945 67.2	1931 21.8	8849 100.0

HEALTH SERVICE AREA BY BIRTHWEIGHT OF CHILD

	LOW	NORMAL	HIGH	NOT STATED	ROW TOTAL
SOUTHEAST	44	895	32	2	973 11.0
SOUTHCENTRAL	309	5480	131	25	5945 67.2
NORTHERN	117	1766	40	8	1931 21.8
COLUMN TOTAL	470 5.3	8141 92.0	203 2.3	35 0.4	8849 100.0

BIRTHWEIGHT:

LOW: UNDER 2500 GRAMS (UNDER 5 1/2 POUNDS)
 NORMAL: 2500 - 4500 GRAMS (5 1/2 POUNDS THROUGH 9 POUNDS 15 OUNCES)
 HIGH: OVER 4500 GRAMS (10 POUNDS AND OVER)

1978 BIRTHS: ALASKA RESIDENTS

NATIVE REGIONAL CORPORATION BY ATTENDANT AT BIRTH

	MEDICAL DOCTOR	MIDWIFE	NURSE	OTHER	ROW TOTAL
AHTNA	64	1	0	4	69 0.8
ALEUT	110	8	0	1	119 1.3
ARCTIC SLOPE	105	4	0	3	112 1.3
BERING STRAIT	147	10	2	11	170 1.9
BRISTOL BAY	81	9	3	11	104 1.2
CALISTA	344	43	1	11	399 4.5
CHUGACH	162	2	0	3	167 1.9
COOK INLET	4107	463	61	63	4694 53.0
DOYON	1631	15	4	21	1671 18.9
KONIAG	216	1	0	6	223 2.5
NANA	126	8	0	14	148 1.7
SEALASKA	822	126	9	16	973 11.0
COLUMN TOTAL	7915 89.4	690 7.8	80 0.9	164 1.9	8849 100.0

NATIVE REGIONAL CORPORATION BY AGE OF MOTHER

	UNDER 15 YEARS	15 - 19 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	45 YEARS & OVER	NOT STATED	ROW TOTAL
AHTNA	0	11	21	22	11	4	0	0	0	69 0.8
ALEUT	0	8	52	39	13	5	2	0	0	119 1.3
ARCTIC SLOPE	1	21	44	29	14	2	1	0	0	112 1.3
BERING STRAIT	0	38	64	36	22	7	2	1	0	170 1.9
BRISTOL BAY	0	9	40	34	11	5	3	0	2	104 1.2
CALISTA	1	43	141	108	71	26	6	2	1	399 4.5
CHUGACH	0	22	55	47	35	8	0	0	0	167 1.9
COOK INLET	7	549	1776	1497	676	166	23	0	0	4694 53.0
DOYON	2	177	648	516	240	75	12	1	0	1671 18.9
KONIAG	0	31	85	70	26	9	1	0	1	223 2.5
NANA	0	41	48	33	22	2	2	0	0	148 1.7
SEALASKA	1	114	346	307	162	36	7	0	0	973 11.0
COLUMN TOTAL	12 0.1	1064 12.0	3320 37.5	2738 30.9	1303 14.7	345 3.9	59 0.7	4 0.0	4 0.0	8849 100.0

1978 BIRTHS: ALASKA RESIDENTS

RACE AND SEX OF CHILD BY NATIVE REGIONAL CORPORATION

		AHTNA	ALEUT	ARCTIC SLOPE	BERING STRAIT	BRISTOL BAY	CALISTA	CHUGACH	COOK INLET	DOYON	KONIG	MAHA	SEALASKA	ROW TOTAL
WHITE	MALE	28	34	5	13	13	11	77	1943	679	73	5	341	3222
	FEMALE	18	38	2	5	9	14	60	1917	606	70	6	303	3048
ESKIMO	MALE	5	0	46	83	24	203	2	82	36	3	68	9	561
	FEMALE	2	0	58	62	24	163	5	78	31	1	64	7	495
ALEUT	MALE	0	14	0	0	12	0	6	48	3	26	0	8	117
	FEMALE	0	16	0	0	12	0	9	35	1	19	0	4	113
INDIAN	MALE	10	0	0	0	5	2	1	51	100	0	1	120	290
	FEMALE	4	1	0	1	4	1	1	44	76	1	2	120	255
NON-AK NATIVE	MALE	0	0	0	2	0	0	2	18	3	0	0	5	30
	FEMALE	1	0	0	1	0	0	0	16	4	0	0	7	29
OTHER NATIVE	MALE	0	0	0	0	0	2	0	8	5	0	0	8	23
	FEMALE	0	0	0	0	1	1	0	4	3	0	0	4	13
BLACK	MALE	0	1	0	0	0	0	1	153	47	2	0	4	208
	FEMALE	0	0	0	0	0	0	1	131	46	1	0	5	184
CHINESE	MALE	0	0	0	0	0	0	0	3	0	0	0	1	4
	FEMALE	0	0	0	0	0	0	0	8	1	0	0	2	11
JAPANESE	MALE	0	0	0	0	0	0	0	15	1	0	0	1	17
	FEMALE	0	0	0	0	0	0	0	10	1	0	0	4	15
HAWAIIAN	MALE	0	0	0	0	0	0	0	3	0	0	0	1	4
	FEMALE	0	1	0	0	0	0	0	5	2	0	0	0	8
FILIPINO	MALE	0	4	0	0	0	0	0	20	1	12	0	7	44
	FEMALE	0	0	0	0	0	0	1	20	5	10	0	5	41
GUAMIAN	MALE	0	0	0	0	0	0	0	0	0	0	0	1	1
	FEMALE	0	7	0	2	0	2	1	34	7	4	1	3	61
OTHER	MALE	1	3	1	0	0	0	0	42	11	1	0	1	60
	FEMALE	0	0	0	1	0	0	0	4	1	0	0	0	6
RACE NOT STATED	MALE	0	0	0	0	0	0	0	2	1	0	1	2	6
	FEMALE	0	0	0	0	0	0	0	2	1	0	1	2	6
COLUMN TOTAL		69	119	112	170	104	399	167	4694	1671	223	148	973	8849
		0.8	1.3	1.3	1.9	1.2	4.5	1.9	55.0	18.9	2.5	1.7	11.0	100.0

1978 BIRTHS: ALASKA RESIDENTS

NATIVE REGIONAL CORPORATION BY BIRTHWEIGHT OF CHILD

	LOW	NORMAL	HIGH	NOT STATED	ROW TOTAL
	I	I	I	I	I
	I	I	I	I	I
AHTNA	3	64	2	0	69
	I	I	I	I	I
ALEUT	5	112	2	0	119
	I	I	I	I	I
ARCTIC SLOPE	9	101	2	0	112
	I	I	I	I	I
BERING STRAIT	13	154	1	2	170
	I	I	I	I	I
BRISTOL BAY	6	97	0	1	104
	I	I	I	I	I
CALISTA	24	363	10	2	399
	I	I	I	I	I
CHUGACH	2	161	4	0	167
	I	I	I	I	I
COOK INLET	251	4315	108	20	4694
	I	I	I	I	I
DOYON	95	1533	37	6	1671
	I	I	I	I	I
KONIAG	5	214	4	0	223
	I	I	I	I	I
NANA	13	132	1	2	148
	I	I	I	I	I
SEALASKA	44	895	32	2	973
	I	I	I	I	I
COLUMN TOTAL	470 5.3	8141 92.0	203 2.3	35 0.4	8849 100.0

BIRTHWEIGHT:

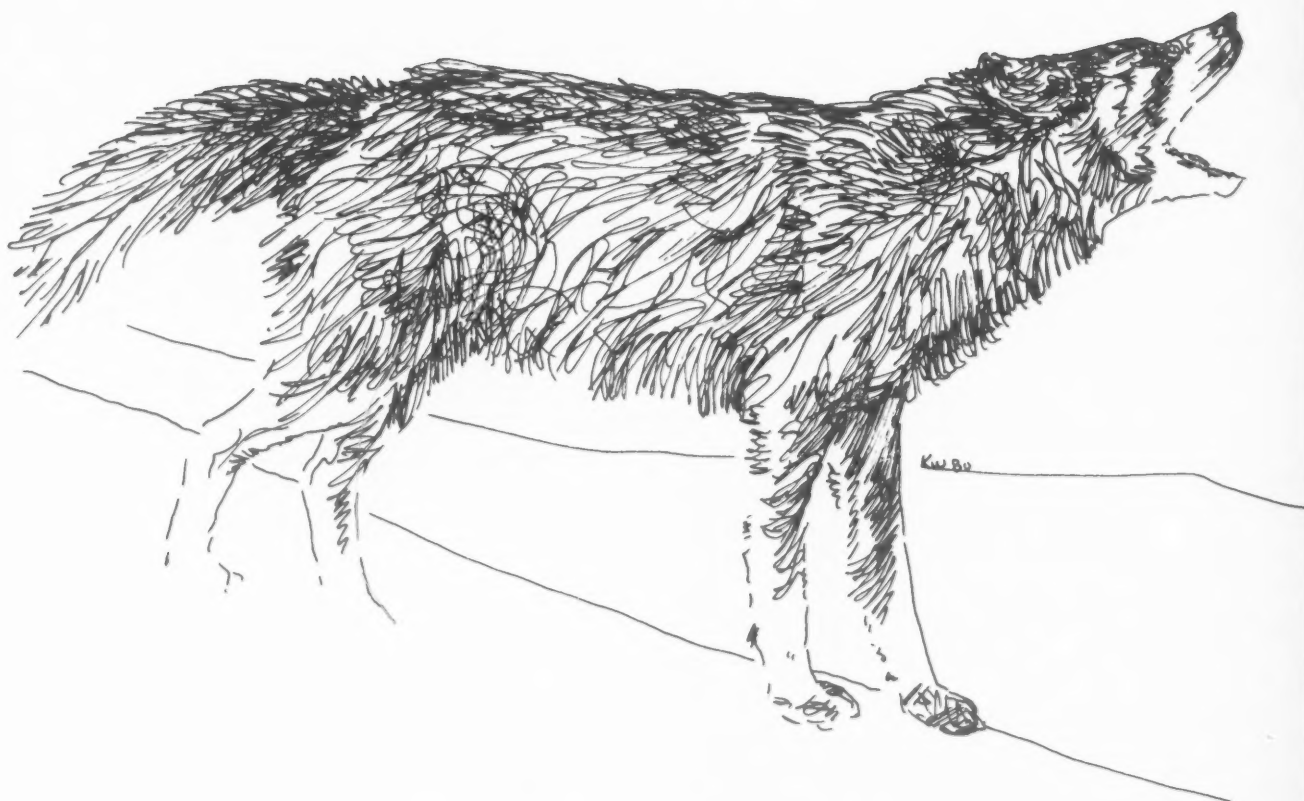
LOW: UNDER 2500 GRAMS (UNDER 5 1/2 POUNDS)
 NORMAL: 2500 - 4500 GRAMS (5 1/2 POUNDS THROUGH 9 POUNDS 15 OUNCES)
 HIGH: OVER 4500 GRAMS (10 POUNDS AND OVER)

1978 BIRTHS: ALASKA RESIDENTS

NUMBER OF CHILDREN BY AGE OF MOTHER

	UNDER 15 YEARS	15 - 19 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	45 YEARS & OVER	NOT STATED	ROW TOTAL
ONE CHILD	12	861	1788	921	268	45	5	1	1	3902 44.1
TWO CHILDREN	0	176	1114	964	372	73	8	0	2	2789 30.6
THREE CHILDREN	0	21	328	561	318	72	6	1	1	1308 14.8
FOUR CHILDREN	0	1	64	198	192	49	10	0	0	514 5.8
FIVE CHILDREN	0	0	13	60	65	44	9	1	0	192 2.2
SIX CHILDREN	0	0	1	16	51	29	8	0	0	105 1.2
SEVEN CHILDREN	0	0	0	7	18	13	5	0	0	43 0.5
EIGHT CHILDREN	0	0	0	0	6	8	1	0	0	15 0.2
NINE CHILDREN	0	0	0	0	8	5	6	0	0	19 0.2
TEN CHILDREN	0	0	0	0	3	1	1	0	0	5 0.1
ELEVEN CHILDREN	0	0	0	0	0	2	0	1	0	3 0.0
TWELVE CHILDREN	0	0	0	0	0	3	0	0	0	3 0.0
NOT STATED	0	5	12	11	2	1	0	0	0	31 0.4
COLUMN TOTAL	12 0.1	1064 12.0	3320 37.5	2738 30.9	1303 14.7	345 3.9	59 0.7	4 0.0	4 0.0	8849 100.0

DEATHS



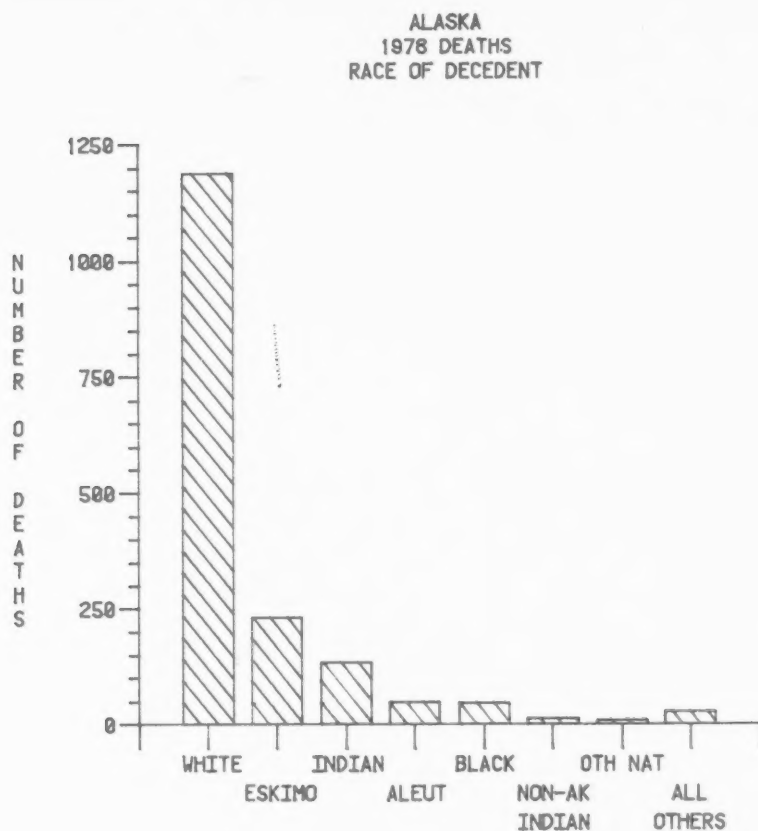
DEATHS

Overview

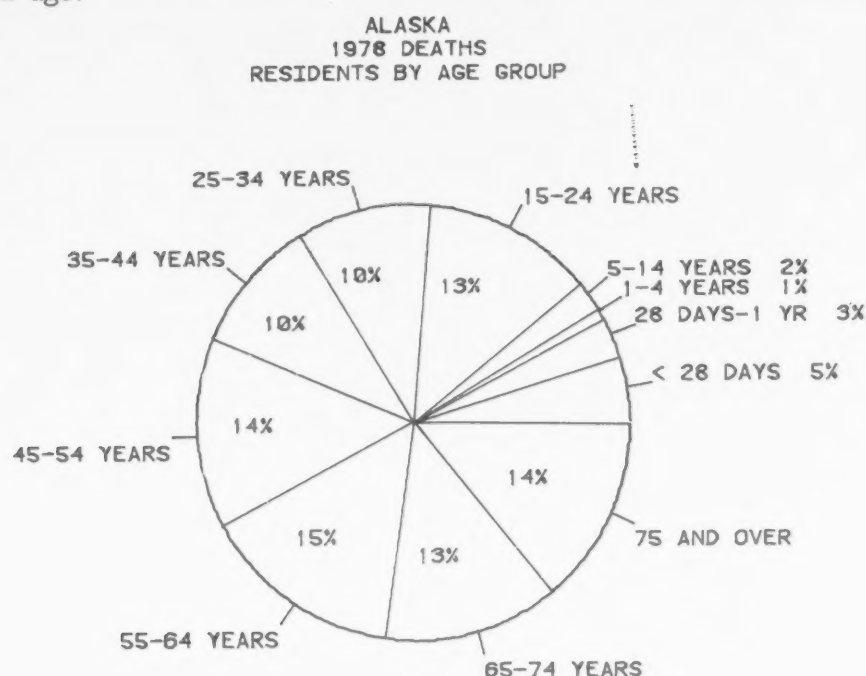
For Alaska in 1978, there were 1698 resident deaths. Of these 1698 resident deaths 93.0 percent occurred in the State, while 7.0 percent occurred outside of Alaska.

Approximately two-thirds (1126) of decedents in 1978 were males.

Of the total resident deaths, 1186 of the decedents were White, 437 were Native (Eskimo, Aleut, Alaska, Non-Alaskan Indian, and Other Native), and 75 were of other racial descent.



The following chart displays the distribution of deaths by age group. The ages are equally distributed among the groups over the age of 14. Eleven percent of the deaths were to decedents less than fifteen years of age. The highest percentage of deaths occurred for the age group 55-64 years of age.



Cause of death statistics are obtained from the medical certification information gathered on the certificate of death or fetal death by the attending physician or coroner. The medical certification items on the certificates make provision for reporting three causes of death: immediate, intervening, and underlying. The cause of death selected for coding and tabulating mortality statistics is the "underlying cause of death," which is defined generally as the disease or injury which initiated the sequence of events leading directly to death. The Office of Information Systems uses the four digit coding structure used in the Eighth Revision of the ICDA (International Classification of Diseases, Adapted) Public Health Services Publication, No. 1693, U.S. Government Printing Office. These codes are organized into four broad categories which are used in numerous tables and charts in this report and include:

Preventable Conditions include those which decline in frequency with adequate and accessible medical care.

Chronic and Old Age include conditions which increase with advancing age.

Violent Deaths can be considered preventable, but are characterized by their violent and accidental nature.

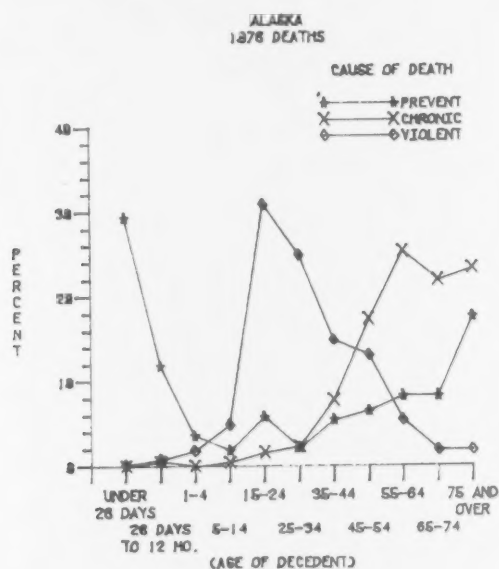
All Other Causes include conditions which do not fit into the above categories.

"Cause of Death By ICDA Code" on page 63 lists the specific ICDA codes and causes which comprise each of these four categories along with the number of deaths which occurred in each cause of death grouping.

The following graph illustrates the distribution by age of three of the four general cause of death categories. The peak percentage of deaths due to preventable conditions can be seen in the early age groups and decreases in percent up to age group 15-24 and then increases through the older ages.

As expected, percentage of deaths due to chronic conditions and conditions of old age increases directly with age.

The percentage of violent and accidental deaths peaks at the middle age groups with a small percent of violent and accidental deaths occurring at the younger and older age groups.



The tables and charts on the next two pages compare the ten leading causes of death in Alaska with the corresponding National statistics.

In comparing the 1978 ten leading causes of death for Alaska with the 1977 rankings the top three causes remained the same. Accidents accounted for a larger percentage of deaths in 1978 (28.2%) than in 1977 (25.5%). Heart disease and hypertension dropped slightly from 19.5 percent of deaths in 1977 to 18.2 percent in 1978. Malignant neoplasms accounted for 16.3 percent of resident deaths in 1978 while the 1977 percentage was 15.5 percent. Cerebrovascular diseases remained approximately the same while homicides rose from 2.2 percent in 1977 to 3.5 percent in 1978. Suicides in 1978 (3.5 percent) accounted for 2 percent fewer deaths than in 1977 (5.5 percent).

TEN LEADING CAUSES OF DEATH - 1978

Alaska vs. United States

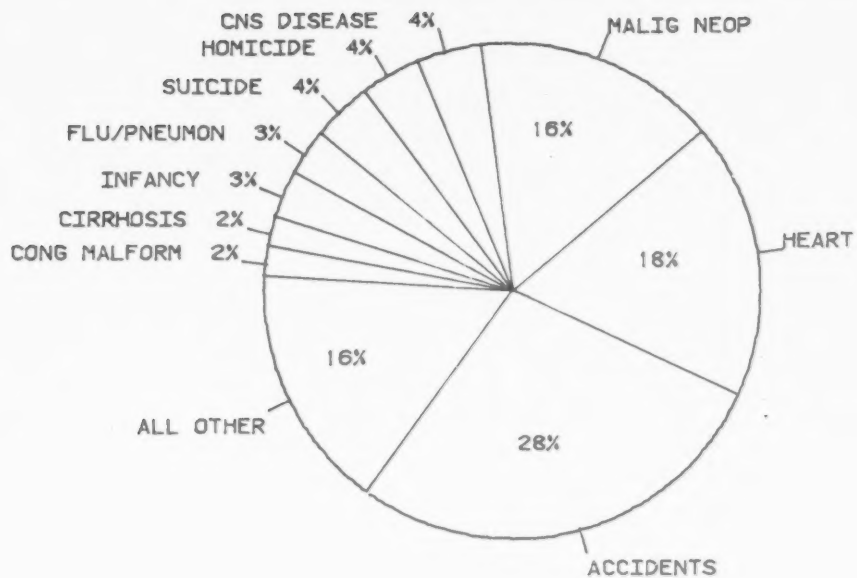
<u>Cause of Death</u>	<u>Percent of Total Deaths</u>	
	<u>Alaska</u>	<u>U.S.</u>
1. Accidents	28.2	5.6
2. Heart Disease and Hypertension*	18.2	37.8
3. Malignant Neoplasms	16.3	20.6
4. Vascular Lesions CNS	3.9	9.0
5. Homicide	3.5	1.1
6. Suicide	3.5	1.4
7. Flu and Pneumonia	3.2	3.0
8. Diseases of Early Infancy	3.1	1.1
9. Cirrhosis of the Liver	2.3	1.6
10. Congenital Anomalies	1.7	0.7

United States vs. Alaska

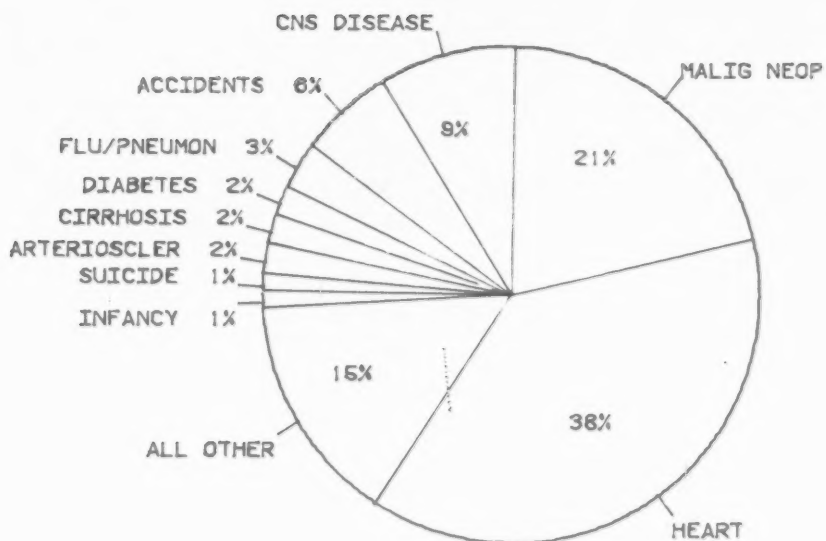
	<u>Percent of Total Deaths</u>	
	<u>U.S.</u>	<u>Alaska</u>
1. Heart Disease*	37.8	18.2
2. Malignant Neoplasms	20.6	16.3
3. Vascular Lesions - CNS	9.0	3.9
4. Accidents	5.6	28.2
5. Flu and Pneumonia	3.0	3.2
6. Diabetes	1.7	0.6
7. Cirrhosis of the Liver	1.6	2.3
8. Arteriosclerosis	1.5	0.6
9. Suicide	1.4	3.5
10. Diseases of Early Infancy	1.1	3.1

* The U.S. cause of death group for heart disease does not include deaths from hypertension. The Alaska category includes two deaths from hypertension.

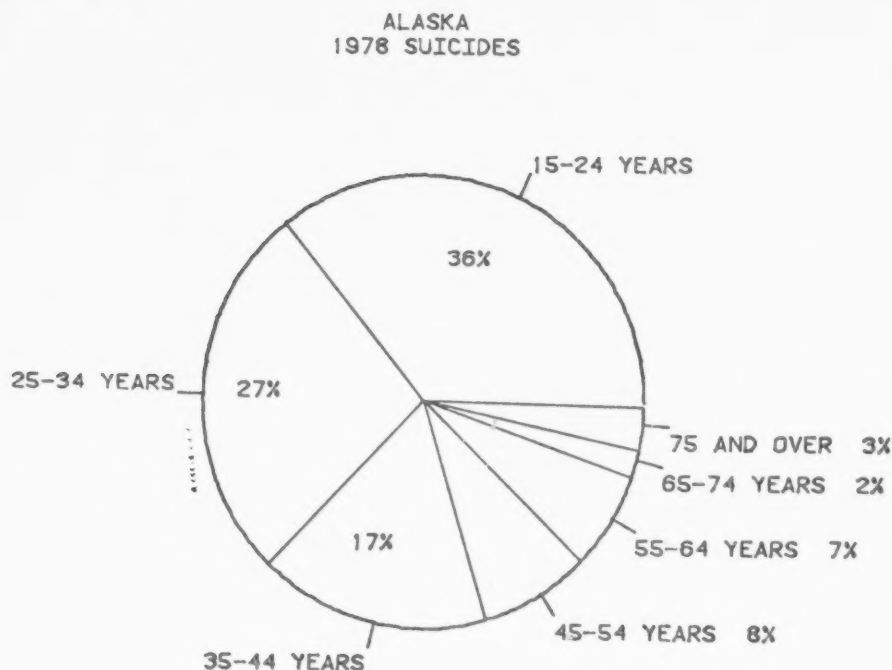
ALASKA
1976 DEATHS
TEN LEADING CAUSES



UNITED STATES
1976 DEATHS
TEN LEADING CAUSES



Suicide is a specific cause of death of interest to many. There were 59 suicides for Alaska in 1978. The largest percentage of suicides were for individuals 15-24 years old (35.6 percent). The next greatest relative frequency was for decedents 25-34 years old (27.1 percent).



The presentation of specific information relating to the geographical distribution, characteristics of the decedent and the cause of death follow for resident deaths.

Information on fetal deaths is included at the end of this section.

tables:

CAUSE OF DEATH BY ICDA CODE
ALASKA - 1978

<u>CAUSE OF DEATH</u>	<u>ICDA CODE*</u>	<u>ABSOLUTE FREQUENCY</u>	<u>RELATIVE FREQUENCY</u>
<u>PREVENTABLE:</u>			
Other Infective	000-009	43	2.5
and Parasitic Disease	020-136		
Tuberculosis	010-019	3	0.2
Influenza and Pneumonia	470-474, 480-486	55	3.2
Other Respiratory	460-466, 490-519	33	1.9
Inflammatory Diseases of the CNS	320-324	6	0.4
Gastritis and Enteritis	535, 561, 563	0	0.0
Maternal	630-678	1	0.1
Congenital Malformations	740-759	29	1.7
Certain Diseases of Early Infancy	760-779	52	3.1
Ill Defined	780-796	58	3.4
<u>CHRONIC AND OLD AGE:</u>			
Heart Disease and Hypertension	393-429	309	18.2
Malignant Neoplasms	140-209	276	16.3
Diabetes	250	11	0.6
Arteriosclerosis	440	11	0.6
Cirrhosis of the Liver	571	39	2.3
Nephritis	582-584	2	0.1
Vascular Lesions of CNS	430-438	66	3.9
Other Degenerative	280-285, 441-458	32	1.9
<u>VIOLENT:</u>			
Alcoholism	303	17	1.0
Suicide	950-959	59	3.5
Homicide	960-969	60	3.5
Legal Intervention	970-978	0	0.0
Accidents			
Other Transport	800-809, 825-827	1	0.1
Motor Vehicle	810-823	121	7.1
Water Transport-Drown	830, 832	60	3.5
Water Transport-Other	831, 833-838	2	0.1
Drown-Nontransport	910	34	2.0
Aircraft	840-845	99	5.8
Poisoning	850-877	15	0.9
Falls	880-887	17	1.0
Fire	890-899	20	1.2
Exposure	901	7	0.4
Other Environment	900, 902-909	9	0.5
Suffocation	911, 912	9	0.5
Firearms	922	17	1.0
Other Accident	913-921, 923-949	67	3.9
	980-989		
<u>ALL OTHER CAUSES:</u>		<u>58</u>	<u>3.4</u>
<u>TOTAL DEATHS</u>		1698	100.0

* ICDA Code Source, Eighth Revision International Classification of Diseases, Public Health Services Publication, No. 1963, U.S. Government Printing Office.

1978 DEATHS: ALASKA RESIDENTS

PLACE OF BIRTH BY PLACE OF DEATH

	ALASKA	OUTSIDE ALASKA	ROW TOTAL
ALASKA	584	25	609
	35.9		
OUTSIDE ALASKA	995	92	1087
	64.0		
NOT STATED	0	2	2
	0.1		
COLUMN TOTAL	1579	119	1698
	93.0	7.0	100.0

MARITAL STATUS BY SEX OF DECEDENT

	MALE	FEMALE	ROW TOTAL
SINGLE	397	144	541
	31.9		
MARRIED	493	215	708
	41.7		
WIDOWED	82	161	243
	14.3		
DIVORCED	143	49	192
	11.3		
NOT STATED	11	3	14
	0.8		
COLUMN TOTAL	1126	572	1698
	66.3	33.7	100.0

TYPE OF DEATH BY AUTOPSY PERFORMED

	YES	NO	NOT STATED	ROW TOTAL
PREVENTABLE	137	92	51	280
	16.5			
CHRONIC AND OLD	186	409	151	746
	43.9			
VIOLENT	407	133	74	614
	36.2			
ALL OTHER CAUSES	21	29	8	58
	3.4			
COLUMN TOTAL	751	663	284	1698
	44.2	39.0	16.7	100.0

1978 DEATHS: ALASKA RESIDENTS

RACE OF DECEDENT

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
WHITE	1186	69.8
ESKIMO	230	13.5
ALEUT	48	2.8
INDIAN	135	8.0
NON-AK INDIAN	14	0.8
OTHER NATIVE	10	0.6
BLACK	46	2.7
CHINESE	1	0.1
JAPANESE	7	0.4
HAWAIIAN	2	0.1
FILIPINO	9	0.5
OTHER	6	0.4
NOT STATED	4	0.2
	----- 1698	----- 100.0

MONTH OF DEATH

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
JANUARY	130	7.7
FEBRUARY	126	7.4
MARCH	138	8.1
APRIL	121	7.1
MAY	153	9.0
JUNE	139	8.2
JULY	177	10.4
AUGUST	156	9.2
SEPTEMBER	165	9.7
OCTOBER	138	8.1
NOVEMBER	128	7.5
DECEMBER	127	7.5
	----- 1698	----- 100.0

RESIDENT DEATHS AND RATES BY CAUSE AND BY YEAR

Alaska 1971 - 1978

Cause of Death	1971		1972		1973		1974		1975		1976		1977		1978	
	Freq.	Rate	Freq.	Rate	Freq.	Rate	Freq.	Rate	Freq.	Rate	Freq.	Rate	Freq.	Rate	Freq.	Rate
Preventable:																
Tuberculosis	5	1.6	5	1.6	3	0.9	8	2.3	6	1.5	4	1.0	2	0.5	3	0.7
Other Infections	12	3.8	18	5.7	15	4.5	6	1.7	11	2.7	17	4.1	15	3.6	43	10.3
Inflammatory Diseases of GSI	4	1.3	5	1.6	2	0.6	4	1.1	6	1.5	11	2.7	7	1.7	6	1.4
Gastritis and Enteritis	0	0.0	3	1.0	1	0.3	1	0.3	3	0.7	2	0.5	0	0.0	0	0.0
Influenza and Pneumonia	53	16.9	38	12.1	66	20.0	43	12.2	47	11.6	48	11.6	28	6.8	55	13.2
Other Respiratory	43	13.7	22	6.8	40	12.1	35	10.0	44	10.9	28	6.8	32	7.8	33	7.9
Maternal	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	1	0.2
Congenital Abnormalities	20	6.4	28	8.9	20	6.0	20	5.7	22	5.4	37	9.0	33	8.0	29	7.0
Diseases of Early Infancy	71	22.7	63	20.0	71	21.5	67	19.1	51	12.6	47	11.4	42	10.2	52	12.5
Ill Defined	25	8.0	43	13.6	33	10.0	49	13.9	51	12.6	61	14.8	68	16.5	58	14.0
Chronic and Old Age:																
Heart Disease and Hypertension	269	85.9	319	101.2	285	86.3	294	83.7	262	64.7	312	75.5	313	76.1	309	74.2
Malignant Neoplasms	203	64.8	212	67.2	203	61.4	179	51.0	214	52.9	233	54.4	249	60.6	276	66.3
Diabetes	11	3.5	7	2.2	12	3.6	15	4.3	14	3.5	12	2.9	8	1.9	11	2.6
Vascular Lesions of CNS	84	26.8	98	31.1	93	28.1	95	27.0	74	18.3	66	16.0	61	14.8	66	15.9
General Arteriosclerosis	10	3.2	20	6.3	14	4.2	10	2.8	14	3.5	11	2.7	27	6.6	11	2.6
Chronic Nephritis	2	0.6	4	1.3	4	1.2	2	0.6	2	0.5	1	0.2	1	0.2	2	0.5
Cirrhosis of Liver	42	13.4	38	12.1	26	7.9	37	10.6	49	12.1	51	12.3	37	9.0	39	9.4
Other Degenerative	34	10.9	39	12.4	46	13.9	30	8.5	32	7.9	27	6.5	42	10.2	39	9.4
Violent:																
Accidents	400	127.7	338	107.2	354	107.2	410	116.8	419	103.6	448	108.4	409	99.5	478	114.8
Suicides	48	15.3	36	11.4	56	17.0	43	12.2	74	18.3	67	16.2	89	21.6	59	14.2
Homicides	25	8.3	31	9.8	26	7.9	33	9.4	26	6.4	51	12.3	36	8.8	60	14.4
Alcoholism	45	14.4	38	12.1	34	10.3	35	10.0	46	11.4	27	6.5	31	7.5	17	4.1
All Other Causes:	48	15.3	62	19.7	60	18.2	52	14.8	55	13.6	56	13.5	75	18.2	51	12.2
Total	1455	464.7	1467	465.3	1464	443.1	1468	418.0	1522	376.1	1617	391.3	1606	390.6	1698	407.8

* Rate per 100,000 population

1978 DEATHS: ALASKA RESIDENTS

CAUSE OF DEATH BY RACE OF DECEDENT

	WHITE	ESKIMO	ALEUT	INDIAN	NON-AK INDIAN	OTHER NATIVE	BLACK	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER	NOT STATED	ROW TOTAL
TUBERCULOSIS	1	2	0	0	0	0	0	0	0	0	0	0	0	3
OTHER INFECT	24	12	1	3	0	0	1	0	0	0	1	0	1	43
INFLAN DIS CHS	4	0	0	0	0	0	1	0	1	0	0	0	0	6
FLU & PNEUMONIA	26	14	3	6	0	0	3	0	0	0	0	0	1	55
OTHER RESPIRATORY	21	4	2	2	1	1	0	0	0	0	2	0	0	33
MATERNAL	1	0	0	0	0	0	0	0	0	0	0	0	0	1
CONGEN MALFORM	23	2	1	1	0	0	1	1	0	0	0	0	0	29
DIS EARLY INFAN	34	11	1	1	0	0	4	0	0	0	1	0	0	52
ILL DEFINED	48	14	2	1	0	0	0	0	0	0	0	0	1	68
HEART & HYPERTEN	233	32	5	22	2	4	6	0	1	0	4	0	0	309
MALIG NEOPLASM	287	24	12	14	4	0	9	0	2	0	1	3	0	359
DIABETES	9	0	0	1	0	0	1	0	0	0	0	0	0	11
VASC LESIONS CHS	51	5	5	2	1	0	1	0	1	0	0	0	0	66
ARTERIOSCLEROSIS	9	1	1	0	0	0	0	0	0	0	0	0	0	11
CHRON NEPHRITIS	1	0	0	1	0	0	0	0	0	0	0	0	0	2
CIRRHOSIS LIVER	26	4	1	6	1	0	1	0	0	0	0	0	0	39
OTHER DEGENER	26	2	0	2	0	0	0	0	0	1	0	1	0	32
SUICIDE	44	8	0	5	0	0	2	0	0	0	0	0	0	59
HOMICIDE	29	14	0	7	3	1	5	0	0	1	0	0	0	58
ALCOHOLISM	7	4	1	5	0	0	0	0	0	0	0	0	0	17
ACCIDENTS	336	66	12	45	2	4	9	0	2	0	0	1	1	478
OTHER CAUSES	34	11	1	9	0	0	2	0	0	0	0	1	0	58
COLUMN TOTAL	1186	236	48	135	14	18	46	11	7	2	9	6	6	1698
PERCENT TOTAL	69.8	13.5	2.8	8.0	0.8	0.6	2.7	0.1	0.4	0.1	0.5	0.4	0.2	100.0

1978 DEATHS: ALASKA RESIDENTS

RACE AND SEX OF DECEDENT BY AGE

	< 28 DAY 28 DAYS TO 1 YR	1-4 YEARS	5-14 YEARS	15-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75 YEARS & OVER	ROW TOTAL
WHITE											
MALE	37	11	4	15	100	101	92	123	122	103	798
FEMALE	24	12	9	10	25	31	21	55	69	55	47.0
ESKIMO											
MALE	7	10	5	6	30	17	15	12	15	15	388
FEMALE	6	6	2	2	13	4	6	9	6	11	22.9
ALEUT											
MALE	3	0	0	1	4	1	3	4	7	5	35
FEMALE	0	1	0	1	1	1	1	3	2	7	1.7
INDIAN											
MALE	2	1	1	0	22	10	12	7	16	8	1.1
FEMALE	0	1	0	2	6	3	5	6	5	5	93
NON-AK NATIVE											
MALE	0	0	0	1	3	1	0	1	0	1	5.5
FEMALE	0	0	0	0	0	1	1	1	1	0	2
OTHER NATIVE											
MALE	0	0	0	0	3	0	1	0	0	0	9
FEMALE	0	0	0	0	1	0	1	2	1	1	0.5
BLACK											
MALE	1	0	0	1	7	3	4	5	4	3	6
FEMALE	4	1	1	0	2	1	1	4	0	2	1.7
CHINESE											
FEMALE	1	0	0	0	0	0	0	0	0	0	1.0
JAPANESE											
MALE	0	0	0	0	1	0	1	1	0	0	0.1
FEMALE	0	0	1	0	0	0	0	0	1	1	0.2
HAWAIIAN											
MALE	0	0	0	0	0	0	0	0	0	0	0.1
FEMALE	0	0	0	0	0	0	0	1	1	0	0.1
FILIPINO											
MALE	1	0	0	0	0	0	0	0	1	3	0.2
FEMALE	0	0	0	0	0	0	0	0	0	0	0.1
OTHER											
MALE	0	0	0	0	0	2	0	0	1	0	0.1
FEMALE	0	0	0	0	0	0	1	0	0	1	0.2
RACE NOT STATED											
MALE	1	1	0	0	0	0	0	0	0	0	2.1
FEMALE	0	0	0	0	0	1	0	0	0	0	0.1
COLUMN TOTAL	85 5.0	64 2.6	23 1.4	30 2.3	218 12.8	177 10.6	165 9.7	235 13.8	250 14.7	217 12.8	1998 108.0

1978 DEATHS: ALASKA RESIDENTS

CAUSE OF DEATH BY AGE OF DECEDENT

	< 28 DAY	28 DAYS TO 1 YR	1-4 YEARS	5-14 YEARS	15-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75 YEARS & OVER	ROW TOTAL
TUBERCULOSIS	0	0	0	0	0	0	1	0	1	0	1	3
OTHER INFECT	6	0	0	1	12	3	4	5	2	3	7	43
INFLAM DIS CHS	0	0	4	1	0	0	0	0	1	0	0	6
FLU & PNEUMONIA	1	2	2	0	4	2	5	7	7	8	17	55
OTHR RESPIRATORY	0	0	1	1	0	0	1	2	8	9	11	33
MATERNAL	0	0	0	0	0	0	1	0	0	0	0	1
CONGEN MALFORM	20	5	3	1	0	0	0	0	0	0	0	29
DIS EARLY INFAN	51	1	0	0	0	0	0	0	0	0	0	52
ILL DEFINED	4	25	0	1	0	1	3	4	4	3	13	58
HEART & HYPERTEN	0	3	0	1	1	5	17	43	73	72	94	309
MALIG NEOPLASM	0	0	0	1	6	7	20	68	80	64	30	276
DIABETES	0	0	0	0	2	1	1	1	2	2	2	11
VASC LESIONS CHS	0	1	0	0	1	1	5	6	11	10	31	66
ARTERIOSCLEROSIS	0	0	0	0	0	0	0	0	1	4	6	11
CHRON NEPHRITIS	0	0	0	0	0	0	0	1	0	1	0	2
CIRRHOSIS LIVER	0	0	0	1	0	3	11	9	13	2	0	39
OTHR DEGENER	0	0	0	0	0	0	3	1	9	8	11	32
SUICIDE	1	1	1	2	23	10	8	9	4	1	2	59
HOMICIDE	0	8	0	0	1	1	6	5	2	0	2	17
ALCOHOLISM	0	4	10	28	144	125	67	61	23	9	7	478
ACCIDENTS	2	2	2	1	3	2	2	8	5	20	11	58
OTHER CAUSES	89	44	23	39	218	177	165	235	298	217	245	1698
COLUMN TOTAL	5.0	2.6	1.4	2.3	12.8	10.4	9.7	13.8	19.7	12.8	14.4	100.0

1978 DEATHS: ALASKA RESIDENTS

CAUSE OF DEATH BY MONTH OF OCCURRENCE

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCTOBER	NOVEMBER	DECEMBER	ROW TOTAL
TUBERCULOSIS	0	0	0	0	0	0	1	1	0	1	0	0	3
OTHER INFECT	4	7	9	0	1	5	2	2	2	4	3	4	43
INFLAM DIS CNS	0	0	0	1	0	0	0	0	0	1	0	1	6
FLU & PNEUMONIA	5	8	8	4	6	5	7	2	4	2	2	2	55
OTHR RESPIRATORY	0	5	4	4	1	1	4	3	4	2	3	2	33
MATERNAL	0	0	0	0	0	0	0	1	0	0	0	0	1
CONGEN MALFORM	3	4	2	0	2	1	5	3	2	2	2	3	29
DIS EARLY INFAN	8	3	3	1	6	5	5	3	4	2	7	5	52
ILL DEFINED	2	3	4	5	6	9	3	3	3	5	8	7	58
HEART & HYPERTEN	22	17	34	19	33	22	21	31	31	30	23	26	309
MALIG NEOPLASM	23	21	20	23	27	34	21	19	18	23	29	18	276
DIABETES	2	1	0	0	2	3	0	0	1	2	0	0	11
VASC LESIONS CNS	7	6	5	5	7	3	8	3	8	5	3	6	66
ARTERIOSCLEROSIS	1	0	1	1	0	1	1	1	0	1	1	3	11
CHRON NEPHRITIS	1	0	0	1	0	0	0	0	0	0	0	0	2
CIRRHOSIS LIVER	2	5	4	2	4	2	2	7	2	3	3	3	39
OTHR DEGENER	5	1	2	2	5	2	2	2	4	3	4	0	32
SUICIDE	7	5	6	4	1	4	5	6	7	6	4	4	59
HOMICIDE	6	4	8	3	4	5	3	5	8	8	2	4	60
ALCOHOLISM	1	2	3	1	4	2	1	0	0	1	0	2	17
ACCIDENTS	27	30	19	42	40	30	78	56	61	56	28	31	478
OTHER CAUSES	4	4	6	3	4	4	5	9	5	2	6	6	58
COLUMN TOTAL	130	126	138	121	153	139	177	156	165	138	128	127	1698
	7.7	7.4	8.1	7.1	9.0	8.2	10.4	9.2	9.7	8.1	7.5	7.5	100.0

1978 DEATHS: ALASKA RESIDENTS

CAUSE OF DEATH BY NATIVE REGIONAL CORPORATION

	ANHTA	ALEUT	ARCTIC SLOPE	BERING STRAIT	BRISTOL BAY	CALISTA	CHUGACH	CODE INLET	DOYON	KONIG	NANA	SEALASKA	ROW TOTAL
TUBERCULOSIS	0	0	0	0	0	1	0	2	0	0	0	0	3
OTHER INFECT	0	0	1	3	2	5	2	16	10	0	1	3	43
INFLAM DIS CHS	0	0	0	0	0	0	0	3	3	0	0	0	6
FLU & PNEUMONIA	0	2	0	3	2	6	1	17	14	2	2	6	55
OTHER RESPIRATORY	0	1	0	1	0	1	3	9	5	3	1	9	33
MATERNAL	0	0	0	0	0	0	1	0	0	0	0	0	1
CONGEN MALFORM	0	0	0	0	0	4	1	15	3	2	0	4	29
DIS EARLY INFAN	1	1	2	6	1	3	0	23	5	0	0	18	52
ILL DEFINED	0	1	3	2	2	3	1	31	8	0	4	3	58
HEART & HYPERTEN	0	2	8	8	1	5	11	139	50	7	4	74	189
MALIG NEOPLASM	1	3	3	5	2	10	10	143	37	9	4	49	276
DIABETES	0	0	0	0	0	0	0	5	4	0	0	2	11
VASC LESIONS CHS	0	1	1	2	3	1	1	28	9	1	2	17	66
ARTERIOSCLEROSIS	0	0	0	0	0	0	0	3	4	1	0	3	11
CHRON NEPHRITIS	0	0	0	0	0	0	0	1	0	0	0	1	2
CIRRHOSIS LIVER	0	0	0	1	0	2	0	18	10	0	0	8	39
OTHR DEGENER	0	0	0	3	1	0	1	16	4	0	1	9	32
SUICIDE	0	0	3	2	0	4	1	28	16	0	1	5	60
HOMICIDE	0	0	0	1	0	3	1	6	1	1	0	4	17
ALCOHOLISM	6	6	4	18	11	32	19	284	86	18	7	67	478
ACCIDENTS	1	0	1	4	1	4	2	24	8	0	1	12	58
OTHER CAUSES	9	17	26	60	26	86	55	768	279	45	32	293	1698
COLUMN TOTAL	0.5	1.0	1.5	3.5	1.5	5.1	3.2	45.2	16.4	2.7	1.9	17.4	100.0

1978 DEATHS: ALASKA RESIDENTS

RACE AND SEX OF DECEDENT BY NATIVE REGIONAL CORPORATION

	AKTNA	ALEUT	ARCTIC SLOPE	BERING STRAIT	BRISTOL BAY	CALISTA	CHUGACH	COOK INLET	DOYON	KONIG	NANA	SEALASKA	EGM TOTAL
WHITE	1	3	0	5	4	7	33	430	156	20	2	137	798
MALE													47.0
FEMALE	3	1	0	2	0	1	14	237	51	7	0	72	388
ESKIMO	0	0	16	35	7	45	1	15	2	0	22	2	22.9
MALE													8.5
FEMALE	0	0	9	16	2	29	0	14	6	0	8	1	85
ALEUT	0	6	0	0	6	0	2	2	0	12	0	1	5.0
MALE													1.7
FEMALE	0	6	0	0	4	0	2	3	0	3	0	1	1.9
INDIAN	2	0	0	1	1	3	0	13	34	0	0	39	1.1
MALE													5.5
FEMALE	3	0	0	1	0	0	0	4	13	0	0	21	4.2
NON-AK NATIVE	0	0	0	0	0	1	0	2	1	1	0	4	2.5
MALE													0.5
FEMALE	0	0	0	0	0	0	0	0	0	0	0	5	0.5
OTHER NATIVE	0	1	1	0	0	0	1	1	0	1	0	0	0.2
MALE													0.4
FEMALE	0	0	0	0	0	0	0	3	1	0	0	2	0.4
BLACK	0	0	0	0	0	0	0	19	9	1	0	0	29
MALE													1.7
FEMALE	0	0	0	0	0	0	0	13	4	0	0	0	17
CHINESE	0	0	0	0	0	0	0	1	0	0	0	0	1.0
JAPANESE	0	0	0	0	0	0	0	0	0	0	0	0	0.1
MALE													0.2
FEMALE	0	0	0	0	0	0	1	2	0	0	0	0	0.2
HAWAIIAN	0	0	0	0	0	0	0	1	0	0	0	0	0.1
MALE													0.1
FEMALE	0	0	0	0	0	0	0	0	0	0	0	1	0.1
FILIPINO	0	0	0	0	1	0	1	1	0	0	0	5	0.5
MALE													0.1
FEMALE	0	0	0	0	0	0	0	0	0	1	0	0	0.1
OTHER	0	0	0	0	0	0	0	4	0	0	0	0	0.2
MALE													0.1
FEMALE	0	0	0	0	0	0	0	1	0	0	0	0	0.1
RACE NOT STATED	0	0	0	0	0	0	0	1	0	0	0	1	0.1
MALE													0.1
FEMALE	0	0	0	0	1	0	0	0	1	0	0	0	0.1
COLUMN TOTAL	9	17	26	60	26	86	55	768	279	45	32	295	1698
	0.5	1.0	1.5	3.5	1.5	5.1	3.2	45.2	16.4	2.7	1.9	17.4	100.0

1978 DEATHS: ALASKA RESIDENTS

AGE OF DECEDENT BY NATIVE REGIONAL CORPORATION

	AKTNA	ALEUT	ARCTIC SLOPE	BERING STRAIT	BRISTOL BAY	CALISTA	CHUGACH	COOK INLET	DOYON	KONTAG	NANA	SEALASKA	ROM TOTAL
UNDER 28 DAYS	1	1	2	6	2	5	1	42	11	0	0	14	85
28 DAYS TO 1 YR	0	0	3	5	0	3	0	22	6	0	4	1	58
1 - 4 YEARS	0	1	1	1	0	3	0	10	2	1	1	3	23
5 - 14 YEARS	1	1	0	2	1	4	0	15	5	3	1	6	39
15 - 24 YEARS	2	3	2	15	8	18	11	82	40	3	5	29	218
25 - 34 YEARS	2	1	2	5	3	8	5	80	41	9	5	16	172
35 - 44 YEARS	1	1	2	4	2	11	2	83	26	2	1	30	165
45 - 54 YEARS	0	1	1	3	3	8	9	139	32	7	2	30	235
55 - 64 YEARS	0	3	2	6	2	8	8	117	42	9	2	51	250
65 - 74 YEARS	1	3	3	5	3	9	6	90	38	7	5	47	217
75 YEARS & OVER	1	2	8	8	2	9	13	88	36	4	6	68	245
COLUMN TOTAL	9	17	26	88	26	86	53	768	278	48	32	295	1698
	0.5	1.0	1.5	3.5	1.5	5.1	3.2	45.2	16.4	2.7	1.9	17.4	100.0

1978 DEATHS: ALASKA RESIDENTS

CENSUS DIVISION BY RACE OF DECEDENT

	WHITE	ESKIMO	ALEUT	INDIAN	NON-AK INDIAN	OTHER NATIVE	BLACK	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER	NOT STATED	ROW TOTAL
ALEUTIAN ISLANDS	4	0	12	0	0	1	0	0	0	0	0	0	0	17
ANCHORAGE	503	25	4	13	2	1	32	1	4	1	1	5	1	593
ANGON	2	0	0	8	0	0	0	0	0	0	1	0	0	11
BARROW	0	22	0	0	0	1	0	0	0	0	0	0	0	23
BETHEL	5	38	0	1	1	0	0	0	0	0	0	0	0	45
BRISTOL BAY BORO	2	0	2	0	0	0	0	0	0	0	0	0	1	5
BRISTOL BAY	2	0	8	1	0	0	0	0	0	0	1	0	0	12
CORDOVA-MCCARTHY	14	0	4	0	0	1	0	0	0	0	1	0	0	20
FAIRBANKS	169	6	0	15	1	0	11	0	0	0	0	0	0	202
HAINES	3	0	1	0	0	0	0	0	0	0	0	0	0	4
JUNEAU	61	0	0	7	2	0	0	0	0	1	3	0	0	74
KENAI-COOK INLET	88	2	1	4	0	2	0	0	0	0	0	0	0	97
KETCHIKAN-GATEWAY	58	0	0	9	1	0	0	0	0	0	0	0	0	68
KODIAK	2	33	0	0	0	0	0	0	0	0	0	0	0	35
KODIAK	27	0	15	0	1	0	1	0	0	0	1	0	0	44
KUSKOKWIM	2	9	0	9	0	2	0	0	0	0	0	0	0	22
MAT-SU BOROUGH	83	2	0	0	0	0	0	0	0	0	0	0	0	85
NOME	7	51	0	2	0	0	0	0	0	0	0	0	0	60
OUTER KETCHIKAN	5	0	0	5	0	0	0	0	0	0	0	0	0	10
PRINCE OF WALES	8	0	0	4	2	0	0	0	0	0	0	0	0	14
SEWARD	20	1	0	0	0	0	0	0	0	0	0	0	0	21
SITKA	27	3	0	13	1	2	0	0	1	0	1	1	1	50
SKAGWAY-YAKUTAT	11	0	0	5	2	0	0	0	0	0	0	0	0	18
SE FAIRBANKS	16	0	0	1	0	0	1	0	0	0	0	0	0	18
UPPER YUKON	4	1	0	10	0	0	0	0	0	0	0	0	0	15
VALDEZ-CHIT-UNIT	17	0	0	3	0	0	0	0	1	0	0	0	0	21
WADE HAMPTON	1	28	0	0	0	0	0	0	0	0	0	0	0	29
WRANGELL-PTSBURG	34	0	1	9	1	0	0	0	1	0	9	0	0	46
YUKON-KOYUKUK	19	0	0	16	0	0	1	0	0	0	0	0	1	37
COLUMN TOTAL	1186	230	48	135	14	10	46	1	7	2	9	4	4	1698
	69.8	13.5	2.8	8.0	0.8	0.6	2.7	0.1	0.4	0.1	0.5	0.4	0.2	100.0

1978 DEATHS: ALASKA RESIDENTS

CAUSE OF DEATH BY HEALTH SERVICE AREA

	SOUTH EAST	SOUTH CENTRAL	NORTHERN	ROW TOTAL
TUBERCULOSIS	0	3	0	3 0.2
OTHER INFECT	3	28	12	43 2.5
INFLAM DIS CNS	0	3	3	6 0.4
FLU & PNEUMONIA	6	33	16	55 3.2
OTHR RESPIRATORY	9	18	6	33 1.9
MATERNAL	0	1	0	1 0.1
CONGEN MALFORM	4	22	3	29 1.7
DIS EARLY INFAN	10	35	7	52 3.1
ILL DEFINED	3	40	15	58 3.4
HEART & HYPERTEN	74	173	62	309 18.2
MALIG NEOPLASM	49	183	44	276 16.3
DIABETES	2	5	4	11 0.6
VASC LESIONS CNS	17	37	12	66 3.9
ARTERIOSCLEROSIS	3	4	4	11 0.6
CHRON NEPHRITIS	1	1	0	2 0.1
CIRRHOSIS LIVER	8	21	10	39 2.3
OTHR DEGENER	9	18	5	32 1.9
SUICIDE	9	44	6	59 3.5
HOMICIDE	5	35	20	60 3.5
ALCOHOLISM	4	12	1	17 1.0
ACCIDENTS	67	313	98	478 28.2
OTHER CAUSES	12	36	10	58 3.4
COLUMN TOTAL	295 17.4	1065 62.7	338 19.9	1698 100.0

ACCIDENTAL DEATHS BY TYPE OF ACCIDENT

Alaska 1978

<u>Accident</u>	<u>Frequency</u>	<u>Rate of Death*</u>
Motor Vehicle	121	29.1
Water Transport - Drowning	60	14.4
Water Transport - Other	2	0.5
Other Transport	1	0.2
Aircraft	99	23.8
Poisoning	15	3.6
Falls	17	4.1
Fire	20	4.8
Environmental Factors		
(Excessive cold, hunger, exposure, animal bites, etc.)	16	3.8
Drowning (Non-transport)	34	8.2
Suffocation	9	2.2
Firearms	17	4.1
Other Accident	67	16.1
All Accidents	478	114.8

*Rate per 100,000 Population

1978 DEATHS: ALASKA RESIDENTS

MOTOR VEHICLE ACCIDENTS BY MONTH

CATEGORY LABEL	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
JANUARY	6	5.0
FEBRUARY	5	4.1
MARCH	5	4.1
APRIL	7	5.8
MAY	17	14.0
JUNE	7	5.8
JULY	29	24.0
AUGUST	12	9.9
SEPTEMBER	14	11.6
OCTOBER	10	8.3
NOVEMBER	6	5.0
DECEMBER	3	2.5
	-----	-----
	121	100.0

AIRCRAFT ACCIDENTS BY MONTH *

CATEGORY LABEL	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
JANUARY	6	6.1
FEBRUARY	8	8.1
MARCH	2	2.0
APRIL	15	15.2
MAY	7	7.1
JULY	13	13.1
AUGUST	17	17.2
SEPTEMBER	12	12.1
OCTOBER	4	4.0
NOVEMBER	8	8.1
DECEMBER	7	7.1
	-----	-----
	99	100.0

* NO REPORTED AIRCRAFT RELATED DEATHS IN JUNE

1978 DEATHS: ALASKA RESIDENTS

ACCIDENTS BY CAUSE AND BY AGE

	28 DAYS TO 1 YR	1-4 YEARS	5-14 YEARS	15-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75 YEARS & OVER	ROW TOTAL
MOTOR VEHICLE	0	4	7	50	27	14	11	3	3	2	121 25.3
WATER TRAN-DROW	0	0	3	18	21	12	4	2	0	0	60 12.6
WATER TRANS-OTHR	0	0	0	1	0	1	0	0	0	0	2 0.4
OTHER TRANSPORT	0	0	0	1	0	0	0	0	0	0	1 0.2
AIRCRAFT	0	1	6	16	28	21	20	5	2	0	99 20.7
POISONING	0	0	0	6	3	1	2	3	0	0	15 3.1
FALLS	0	0	0	4	6	1	4	0	0	2	17 3.6
FIRE	1	0	4	8	3	0	1	2	1	0	20 4.2
ENVIRON FACTORS	0	1	2	2	6	1	4	0	0	0	16 3.3
DROWN-NONTRANS	0	2	2	10	7	5	6	1	1	0	34 7.1
SUFFOCATION	2	0	0	0	0	1	1	3	0	2	9 1.9
FIREARMS	0	0	3	8	4	1	0	0	1	0	17 3.6
OTHER ACCIDENT	1	2	1	20	20	9	8	4	1	1	67 14.0
COLUMN TOTAL	4 0.8	10 2.1	28 5.9	144 30.1	125 26.2	67 14.0	61 12.8	23 4.8	9 1.9	7 1.5	478 100.0

1978 DEATHS: ALASKA RESIDENTS

ACCIDENTS BY CAUSE AND BY
NATIVE REGIONAL CORPORATION

	AKTNA	ALEUT	ARCTIC SLOPE	BERING STRAIT	BRISTOL BAY	CALISTA	CHUGACH	COOK INLET	DOYON	KONIG	NANA	SEALASKA	ROW TOTAL
MOTOR VEHICLE	5	3	1	1	0	1	3	77	16	1	1	12	121
WATER TRAN-DROW	0	2	1	3	2	6	5	13	7	6	3	12	25.3
WATER TRANS-OTHR	0	0	0	0	0	1	0	1	0	0	0	0	69
OTHER TRANSPORT	0	0	0	0	0	0	0	1	0	0	0	0	12.6
AIRCRAFT	1	0	0	1	5	4	3	50	13	4	3	17	0.4
POISONING	0	0	0	1	0	1	0	10	1	1	0	1	1
FALLS	0	0	0	2	0	2	0	9	2	0	0	2	0.2
FIRE	0	0	0	4	0	0	1	3	1	2	0	9	99
ENVIRON FACTORS	0	0	0	2	0	4	0	7	1	0	0	2	20.7
DROWN-NONTRANS	0	1	0	0	1	6	5	14	2	3	0	2	15
SUFFOCATION	0	0	0	0	0	0	1	4	4	0	0	0	3.1
FIREARMS	0	0	0	2	0	1	0	4	6	1	1	2	17
OTHER ACCIDENT	0	0	2	2	3	6	1	11	33	0	1	8	3.6
COLUMN TOTAL	6	6	4	18	11	32	19	204	86	18	7	67	478
	1.3	1.3	0.8	3.8	2.3	6.7	4.0	42.7	18.0	3.8	1.3	14.0	100.0

SUICIDES BY AGE AND BY YEAR

Alaska 1971-1978

	<u>YEAR</u>							
<u>AGE</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
5-14 Years	2	1	0	1	0	1	3	0
15-24 Years	12	14	24	23	32	26	28	21
25-34 Years	10	10	11	10	20	18	36	16
35-44 Years	13	6	10	5	12	6	11	10
45-54 Years	4	3	5	3	9	8	7	5
55-64 Years	6	0	5	0	0	7	2	4
65-74 Years	1	1	1	1	1	0	1	1
75 + Years	0	1	0	0	0	1	1	2
Total	48	36	56	43	74	67	89	59
Mean Age	35.6	31.4	32.7	27.7	30.3	33.0	30.1	33.9

SUICIDES BY RACE AND BY YEAR

Alaska 1971-1978

	<u>YEAR</u>							
<u>RACE</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Native	20	12	20	20	32	21	25	13
Non-Native	28	24	36	23	42	46	64	46
Total	48	36	56	43	74	67	89	59

1978 DEATHS: ALASKA RESIDENTS

SUICIDES BY RACE AND BY SEX

	MALE	FEMALE	ROW TOTAL
WHITE	37	7	44
ESKIMO	7	1	8
ALASKA INDIAN	4	1	5
BLACK	2	0	2
COLUMN TOTAL	50	9	59
	84.7	15.3	100.0

SUICIDES BY MARITAL STATUS BY SEX AND BY AGE

		5-14 YEARS	15-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75 YEARS & OVER	ROW TOTAL
SINGLE	MALE	0	12	3	0	0	0	0	1	24
	FEMALE	1	3	0	0	0	0	0	0	4
MARRIED	MALE	0	1	4	4	3	0	0	0	14
	FEMALE	0	1	0	0	1	1	0	0	3
WIDOWED	MALE	0	1	0	0	0	0	0	0	1
DIVORCED	MALE	0	0	5	2	1	1	1	0	10
	FEMALE	0	0	1	0	1	0	0	0	2
NOT STATED	MALE	0	0	1	0	0	0	0	0	1
	FEMALE	0	0	0	0	0	0	0	0	0
COLUMN TOTAL		9	18	16	6	6	2	1	1	59
		15.3	30.5	27.1	10.2	10.2	3.4	1.7	1.7	100.0

CAUSE OF DEATH FOR INFANTS UNDER ONE YEAR OF AGE

Alaska 1978

<u>Cause</u>	<u>Absolute Frequency</u>	<u>Relative Frequency</u>
Adverse Condition of Pregnancy Before Onset of Labor	2	1.4
Adverse Condition During Labor	17	13.2
Prematurity and Its Complications	30	23.3
Congenital Anomalies	25	19.4
Infectious Diseases	8	6.2
Sudden Infant Death Syndrome	30	23.3
Neoplasm	1	0.8
Accidental Injury	6	4.7
Other Specified	9	7.0
Unknown Causes	1	0.8
Total	129	

INFANT AND NEONATAL DEATH RATES BY RACE

Alaska 1978

<u>Infant</u>	<u>Deaths</u>	<u>Rate*</u>	<u>Neonatal</u>	<u>Deaths</u>	<u>Rate*</u>
White	84	13.4	White	61	9.7
Native	35	18.3	Native	16	8.4
Other	10	14.9	Other	8	11.9
All Races	129	14.6	All Races	85	9.6

* Rate per 1,000 live births (including 6270 White infants, 1909 Native infants, and 670 other and not stated).

FETAL DEATHS

Overview

Since a fetal death is defined as a product of conception that shows no sign of life after birth, fetal deaths are not included in the regular death statistics.

There were 75 fetal deaths in Alaska during 1978. Approximately 51 percent of the fetal deaths were male, 44 percent were female, and 5 percent were not stated. Eighty-seven percent of the mothers made prenatal visits, and 84 percent had a physician as the attendant at birth.

The majority (67 percent) of fetal deaths involved women between the ages of 20 and 29. Forty-seven (65 percent) of the fetal deaths were white, and 12 (16 percent) were Eskimo.

The tabulations which follow are extracted from the reports of fetal deaths kept in the vault of the Bureau of Vital Records.

1978 FETAL DEATHS: ALASKA RESIDENTS

SEX OF FETUS

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
MALE	38	50.7
FEMALE	33	44.0
NOT STATED	4	5.3
	-----	-----
	75	100.0

ATTENDANT AT BIRTH

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
PHYSICIAN	63	84.0
MIDWIFE	3	4.0
NURSE	3	4.0
OTHER	6	8.0
	-----	-----
	75	100.0

PRENATAL VISITS

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
YES	65	86.7
NO	7	9.3
NOT STATED	3	4.0
	-----	-----
	75	100.0

RACE OF MOTHER

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
WHITE	47	62.7
ESKIMO	12	16.0
ALEUT	1	1.3
INDIAN	5	6.7
NON-AK NATIVE	1	1.3
BLACK	5	6.7
FILIPINO	1	1.3
NOT STATED	1 3	4.0
	-----	-----
	75	100.0

AGE OF MOTHER

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
15 - 19 YEARS	8	10.7
20 - 24 YEARS	24	32.0
25 - 29 YEARS	26	34.7
30 - 34 YEARS	11	14.7
35 - 39 YEARS	4	5.3
40 - 44 YEARS	2	2.7
	-----	-----
	75	100.0

1978 FETAL DEATHS: ALASKA RESIDENTS

RACE OF MOTHER BY HEALTH SERVICE AREA OF MOTHERS' RESIDENCE

	SOUTH EAST	SOUTH CENTRAL	NORTHERN	ROW TOTAL
WHITE	4	33	10	47
ESKIMO	0	9	3	12
ALEUT	0	1	0	1
INDIAN	2	1	2	5
NON-AK NATIVE	0	1	0	1
BLACK	0	3	2	5
FILIPINO	0	1	0	1
NOT STATED	1	2	0	3
COLUMN TOTAL	7	51	17	75
	9.3	68.0	22.7	100.0

AGE OF MOTHER BY HEALTH SERVICE AREA OF MOTHERS' RESIDENCE

	SOUTH EAST	SOUTH CENTRAL	NORTHERN	ROW TOTAL
15 - 19 YEARS	1	5	2	8
20 - 24 YEARS	2	17	5	24
25 - 29 YEARS	3	16	7	26
30 - 34 YEARS	0	9	2	11
35 - 39 YEARS	0	3	1	4
40 - 44 YEARS	1	1	0	2
COLUMN TOTAL	7	51	17	75
	9.3	68.0	22.7	100.0

RACE OF MOTHER BY AGE OF MOTHER

	15 - 19 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	ROW TOTAL
WHITE	3	15	19	7	2	1	47
ESKIMO	2	2	4	2	2	0	12
ALEUT	1	0	0	0	0	0	1
INDIAN	0	1	2	1	0	1	5
NON-AK NATIVE	0	1	0	0	0	0	1
BLACK	2	3	0	0	0	0	5
FILIPINO	0	0	0	1	0	0	1
NOT STATED	0	2	1	0	0	0	3
COLUMN TOTAL	8	24	26	11	4	2	75
	10.7	32.0	34.7	14.7	5.3	2.7	100.0

1978 FETAL DEATHS: ALASKA RESIDENTS

CENSUS DIVISION OF MOTHERS' RESIDENCE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
ALEUTIAN ISLANDS	1	1.3
ANCHORAGE	25	33.3
BETHEL	5	6.7
CORDOVA-MCCARTHY	1	1.3
FAIRBANKS	11	14.7
JUNEAU	3	4.0
KENAI-COOK INLET	2	2.7
KETCHIKN-GATEWAY	1	1.3
KOBUK	2	2.7
KODIAK	3	4.0
KUSKOKWIM	1	1.3
MAT-SU BOROUGH	7	9.3
NOME	2	2.7
OUTER KETCHIKAN	1	1.3
SEWARD	1	1.3
SKAGWAY-YAKUTAT	1	1.3
SE FAIRBANKS	1	1.3
VALDEZ-CHIT-WHIT	3	4.0
WADE HAMPTON	1	1.3
WRANGELL-PTRSBRG	1	1.3
YUKON-KOYUKUK	2	2.7
	75	100.0

CENSUS DIVISION OF OCCURRENCE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
ALEUTIAN ISLANDS	1	1.3
ANCHORAGE	36	48.0
BETHEL	4	5.3
CORDOVA-MCCARTHY	1	1.3
FAIRBANKS	11	14.7
JUNEAU	3	4.0
KETCHIKN-GATEWAY	2	2.7
KOBUK	2	2.7
KODIAK	2	2.7
MAT-SU BOROUGH	4	5.3
NOME	2	2.7
SKAGWAY-YAKUTAT	1	1.3
SE FAIRBANKS	1	1.3
VALDEZ-CHIT-WHIT	2	2.7
YUKON-KOYUKUK	2	2.7
NOT STATED	1	1.3
	75	100.0

NATIVE REGIONAL CORPORATION OF MOTHERS' RESIDENCE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
AHTNA	1	1.3
ALEUT	1	1.3
BERING STRAIT	2	2.7
CALISTA	6	8.0
CHUGACH	4	5.3
COOK INLET	34	45.3
DOYON	15	20.0
KONIAG	3	4.0
NANA	2	2.7
SEALASKA	7	9.3
	75	100.0

NATIVE REGIONAL CORPORATION OF OCCURRENCE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
AHTNA	1	1.3
ALEUT	1	1.3
BERING STRAIT	2	2.7
CALISTA	4	5.3
CHUGACH	2	2.7
COOK INLET	40	53.3
DOYON	14	18.7
KONIAG	2	2.7
NANA	2	2.7
SEALASKA	6	8.0
NOT STATED	1	1.3
	75	100.0

MARRIAGES

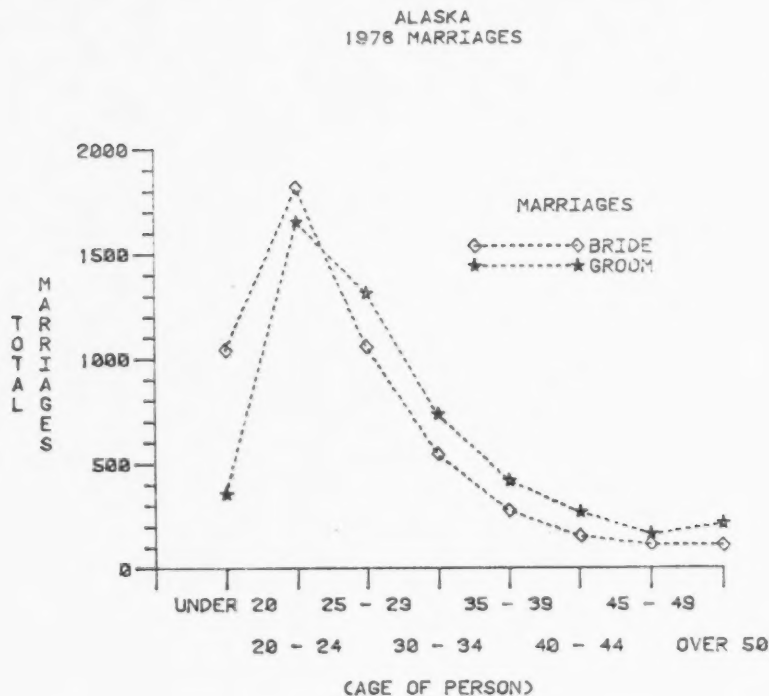


MARRIAGES

Overview

There were 5,111 marriage certificates issued in Alaska in 1978. Approximately 84 percent of the grooms and 78 percent of the brides married in Alaska in 1978 were born elsewhere in the United States. A judge or magistrate married 27 percent of the couples while a member of the clergy married 56 percent. Approximately 15 percent of the marriages were officiated by a marriage commissioner.*

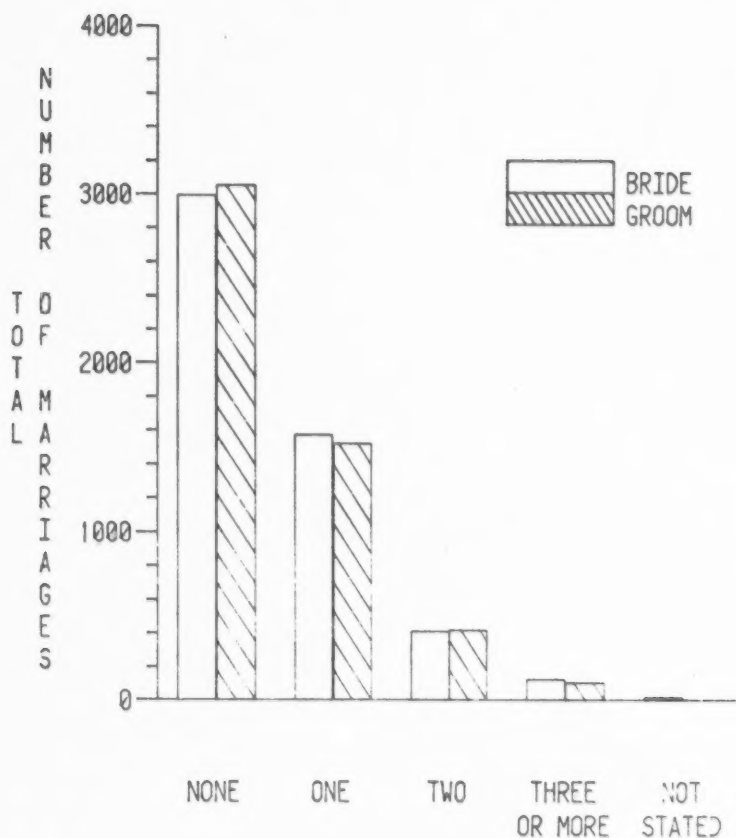
Examining the age distribution of the bride and the groom independently the largest frequency of marriages for both bride and groom are at age 20 - 24. There are more brides under age 20 than grooms entering the state of matrimony, whereas from age group 25 - 29 and up there is a higher frequency of men entering marriage than women.



* Marriage Commissioner: An appointee of the presiding judge or magistrate to perform marriage ceremonies in a designated area.

More than half of the total 5,111 marriages in 1978 included at least one partner who had been previously married. There were 1,916 marriages in which one or both partners had only one prior marriage, and 879 marriages in which one or both partners had more than one prior marriage. This was the first marriage for 2,316 couples.

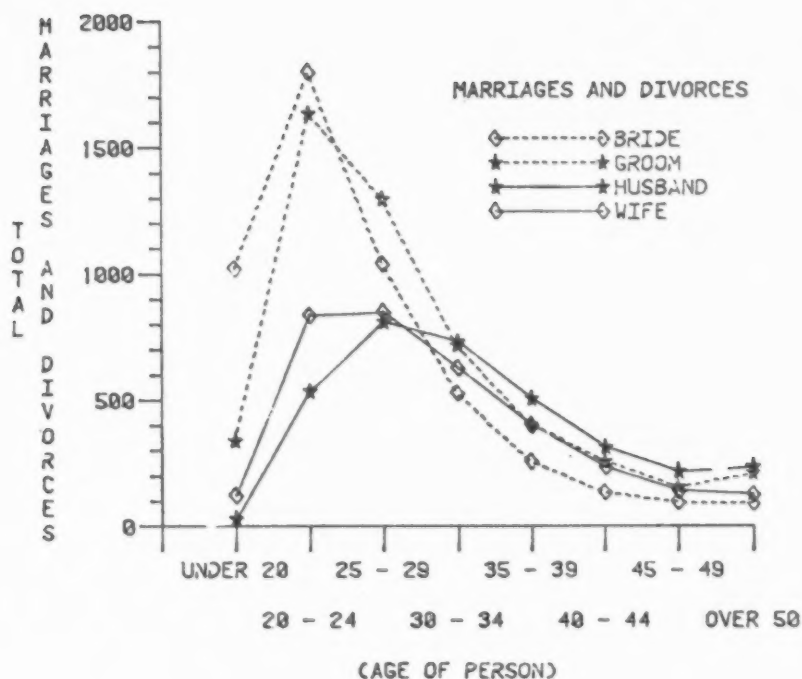
ALASKA
1978 MARRIAGES
PREVIOUS MARRIAGES



(PREVIOUS MARRIAGES)

In comparing the age distribution of males and females at the time of marriage and divorce, a striking similarity between the events can be seen. The greatest frequency of marriages occurs for both brides and grooms when they are in the age group of 20 - 24 whereas the greatest frequency of divorces occurs for both husbands and wives in the age group of 25 - 29. There is a decline in the frequency of both these events as the individuals' age increases. In the older age groups the frequency of marriage and divorce is slightly higher for the male.

ALASKA
1978 MARRIAGES AND DIVORCES



The following information on the bride, groom and the marriage have been compiled from data collected on the certificate of marriage.

tables:

ALASKA MARRIAGES: 1978

CENSUS DIVISION OF OCCURRENCE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)			
NOT STATED	4	0.1	MONTH OF MARRIAGE		
ALEUTIAN ISLANDS	43	0.8			
ANCHORAGE	2469	48.3		ABSOLUTE FREQ	RELATIVE FREQ (PCT)
ANGOON	5	0.1	JANUARY	299	5.9
BARROW	34	0.7	FEBRUARY	286	5.6
BETHEL	65	1.3	MARCH	346	6.8
BRISTOL BAY BORO	11	0.2	APRIL	361	7.1
BRISTOL BAY	32	0.6	MAY	376	7.4
CORDOVA-MCCARTHY	35	0.7	JUNE	523	10.2
FAIRBANKS	754	14.8	JULY	517	10.1
HAINES	27	0.5	AUGUST	540	10.6
JUNEAU	240	4.7	SEPTEMBER	462	9.0
KENAI-COOK INLET	281	5.5	OCTOBER	414	8.1
KETCHIKN-GATEWAY	157	3.1	NOVEMBER	399	7.8
KOBUK	44	0.9	DECEMBER	588	11.5
KODIAK	144	2.8		5111	100.0
KUSKOKWIM	14	0.3			
MAT-SU BOROUGH	224	4.4	OFFICIATOR OF MARRIAGE		
NOME	47	0.9		ABSOLUTE FREQ	RELATIVE FREQ (PCT)
OUTER KETCHIKAN	14	0.3			
PRINCE OF WALES	13	0.3			
SEWARD	47	0.9	CLERGY	2861	56.0
SITKA	91	1.8	JUDGE	186	3.6
SKAGWAY-YAKUTAT	34	0.7	MAGISTRATE	1190	23.3
SE FAIRBANKS	65	1.3	COMMISSIONER	779	15.2
UPPER YUKON	12	0.2	OTHER	95	1.9
VALDEZ-CHIT-WHIT	85	1.7		5111	100.0
WADE HAMPTON	22	0.4			
WRANGELL-PTRSBRG	64	1.3			
YUKON-KOYUKUK	34	0.7			
	5111	100.0			

ALASKA MARRIAGES: 1978

RACE OF GROOM BY RACE OF BRIDE

	WHITE	NATIVE	BLACK	OTHER	NOT STATED	ROW TOTAL
WHITE	3849	306	20	47	56	4278 83.7
NATIVE	156	306	0	3	5	470 9.2
BLACK	54	15	130	2	6	207 4.1
OTHER	33	6	0	23	1	63 1.2
NOT STATED	33	3	2	1	54	93 1.8
COLUMN TOTAL	4125 80.7	636 12.4	152 3.0	76 1.5	122 2.4	5111 100.0

AGE OF GROOM BY AGE OF BRIDE

	UNDER 20 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	45 - 49 YEARS	50 YEARS & OVER	NOT STATED	ROW TOTAL
UNDER 20 YEARS	271	64	15	5	1	0	0	2	0	358 7.0
20 - 24 YEARS	583	833	179	45	7	1	1	1	0	1650 32.3
25 - 29 YEARS	134	600	421	119	31	6	1	0	0	1312 25.7
30 - 34 YEARS	35	217	256	152	47	10	5	1	0	733 14.3
35 - 39 YEARS	10	68	110	121	63	34	6	5	0	417 8.2
40 - 44 YEARS	3	22	50	58	55	39	31	5	1	264 5.2
45 - 49 YEARS	1	8	14	25	39	31	26	17	0	161 3.2
50 YEARS & OVER	1	6	11	18	29	24	45	78	2	214 4.2
NOT STATED	2	0	0	0	0	0	0	0	0	2 0.0
COLUMN TOTAL	1040 20.3	1818 35.6	1058 20.7	543 10.6	272 5.3	153 3.0	115 2.3	109 2.1	3 0.1	5111 100.0

AGE OF BRIDE

MEAN: 25.8 YEARS
MEDIAN: 23.5 YEARS
MODE: 20.0 YEARS

AGE OF GROOM

MEAN: 28.8 YEARS
MEDIAN: 26.3 YEARS
MODE: 20.0 YEARS

ALASKA MARRIAGES: 1978

RESIDENCE OF GROOM BY RESIDENCE OF BRIDE

	ALASKA	OUTSIDE ALASKA	ROW TOTAL
ALASKA	4850	92	4942
	96.7		
OUTSIDE ALASKA	87	82	169
	3.3		
COLUMN TOTAL	4937	174	5111
	96.6	3.4	100.0

BIRTHPLACE OF GROOM BY BIRTHPLACE OF BRIDE

	ALASKA	OTHER U.S.	CANADA	OTHER FOREIGN	UNKNOWN	ROW TOTAL
ALASKA	396	393	3	11	3	806
	15.8					
OTHER U.S.	690	3138	33	181	7	4049
	79.2					
CANADA	4	20	1	2	0	27
	0.5					
OTHER FOREIGN	43	124	1	50	0	218
	4.3					
UNKNOWN	3	8	0	0	0	11
	0.2					
COLUMN TOTAL	1136	3683	38	244	10	5111
	22.2	72.1	0.7	4.8	0.2	100.0

PREVIOUS MARRIAGES OF GROOM BY PREVIOUS MARRIAGES OF BRIDE

	NONE	ONE	TWO	THREE OR NOT MORE STATED	ROW TOTAL
NONE	2316	609	104	24	3055
	59.8				
ONE	562	745	159	54	1524
	29.8				
TWO	93	179	110	32	416
	8.1				
THREE OR MORE	18	40	32	14	104
	2.0				
NOT STATED	1	0	1	0	12
	0.2				
COLUMN TOTAL	2990	1573	406	124	5111
	58.5	30.8	7.9	2.4	100.0

DIVORCES



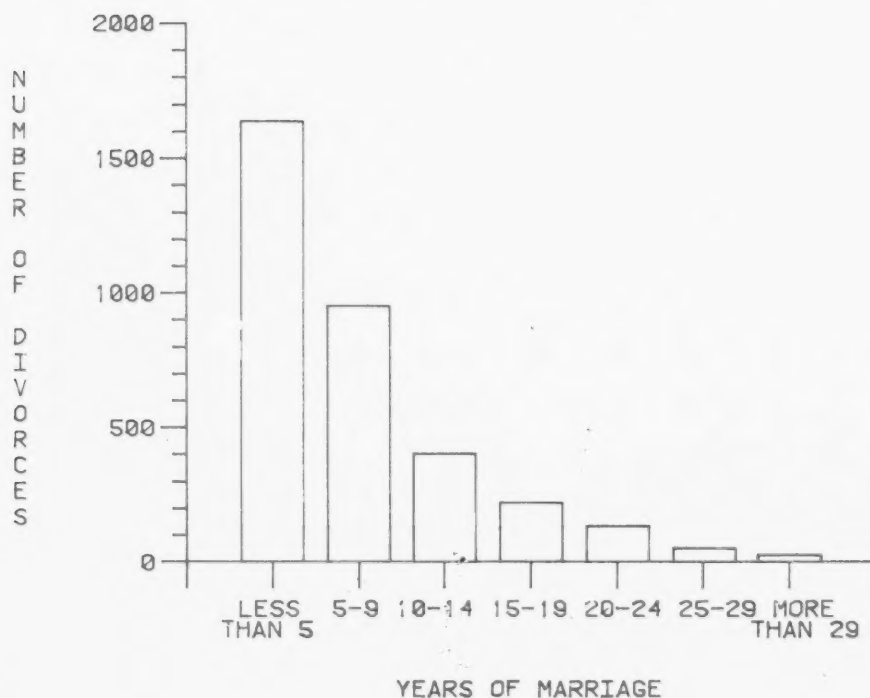
DIVORCES

Overview

In Alaska in 1978, there was a total of 3469 divorces. Fifty-six percent of the marriages dissolved in Alaska occurred outside the State.

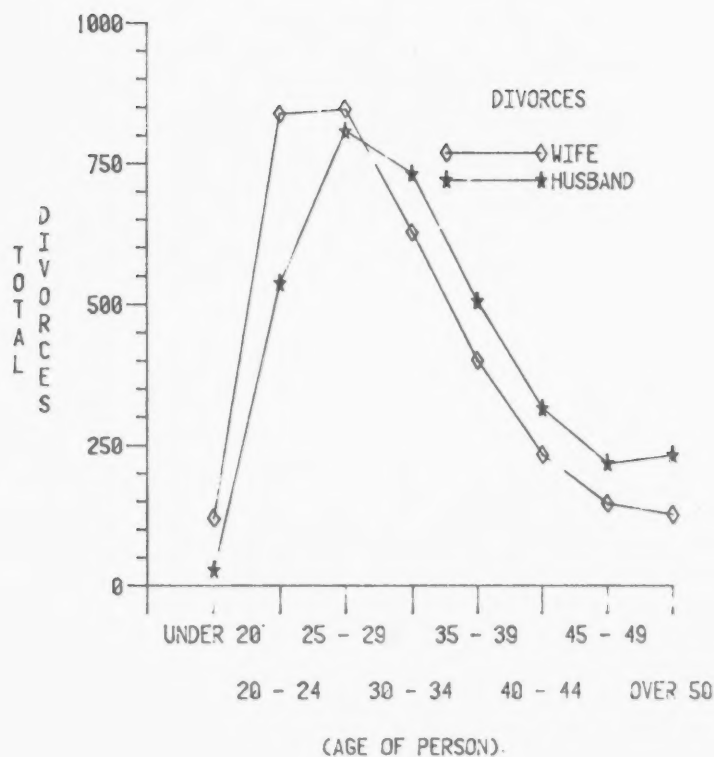
Approximately 47 percent (1641) of the divorces in Alaska in 1978 were obtained by couples married less than five years. In 28 percent (954) of the divorces, the couple had been married 5 - 9 years. As the number of years increased, the number of divorces decreased.

ALASKA
1978 DIVORCES
DURATION OF MARRIAGE



The majority of husbands and wives who were divorced were in the 25-29 age group. More wives in the age group 20-24 were divorced than husbands, whereas more husbands than wives were divorced in every age group after 25-29.

ALASKA
1978 DIVORCES



The following tabular information is compiled from the certificate of absolute divorce or annulment.

tables:

ALASKA DIVORCES: 1978

CENSUS DIVISION OF DECREE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
ANCHORAGE	2006	57.8
BARROW	9	0.3
BETHEL	19	0.5
FAIRBANKS	654	18.9
JUNEAU	210	6.1
KENAI-COOK INLET	141	4.1
KETCHIK-GATEWAY	151	4.4
KODIAK	109	3.1
NOME	47	1.4
SITKA	75	2.2
VALDEZ-CHIT-WHIT	48	1.4
	3469	100.0

LOCATION OF MARRIAGE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
ALASKA	1513	43.6
OUTSIDE ALASKA	1956	56.4
	3469	100.0

DURATION OF MARRIAGE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
UNDER 5 YEARS	1641	47.3
5 - 9 YEARS	954	27.5
10 - 14 YEARS	403	11.6
15 - 19 YEARS	221	6.4
20 - 24 YEARS	133	3.8
25 - 29 YEARS	52	1.5
30 YEARS & OVER	24	0.7
NOT STATED	41	1.2
	3469	100.0

MONTH OF DIVORCE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
JANUARY	279	8.0
FEBRUARY	234	6.7
MARCH	288	8.3
APRIL	263	7.6
MAY	367	10.6
JUNE	237	6.8
JULY	319	9.2
AUGUST	282	8.1
SEPTEMBER	264	7.6
OCTOBER	307	8.8
NOVEMBER	297	8.6
DECEMBER	332	9.6
	3469	100.0

CHILDREN LESS THAN 18 YEARS OF AGE

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
NO CHILDREN	1679	48.4
ONE CHILD	842	24.3
TWO CHILDREN	615	17.7
THREE OR MORE	333	9.6
	3469	100.0

ALASKA DIVORCES: 1978

RESIDENCE OF HUSBAND BY RESIDENCE OF WIFE

	ALASKA	OUTSIDE ALASKA	ROW TOTAL
ALASKA	2511	466	2977
OUTSIDE ALASKA	407	85	492
COLUMN TOTAL	2918	551	3469
	84.1	15.9	100.0

RACE OF HUSBAND BY RACE OF WIFE

	WHITE	NATIVE	BLACK	OTHER	NOT STATED	ROW TOTAL
WHITE	2746	151	10	33	9	2949
NATIVE	92	165	1	3	4	265
BLACK	26	9	102	5	1	141
OTHER	15	11	1	22	0	49
NOT STATED	9	1	2	0	53	65
COLUMN TOTAL	2888	337	116	61	67	3469
	83.3	9.7	3.3	1.8	1.9	100.0

AGE OF HUSBAND BY AGE OF WIFE

	UNDER 20 YEARS	20 - 24 YEARS	25 - 29 YEARS	30 - 34 YEARS	35 - 39 YEARS	40 - 44 YEARS	45 - 49 YEARS	50 YEARS & OVER	NOT STATED	ROW TOTAL
UNDER 20 YEARS	21	5	1	0	0	0	0	0	2	29
20 - 24 YEARS	73	363	71	9	1	1	0	2	16	536
25 - 29 YEARS	15	317	377	51	16	5	1	21	21	807
30 - 34 YEARS	1	92	270	284	47	12	1	4	20	731
35 - 39 YEARS	2	18	72	195	158	32	9	2	17	505
40 - 44 YEARS	3	10	20	50	116	79	14	7	16	315
45 - 49 YEARS	0	5	7	20	28	68	58	22	9	217
50 YEARS & OVER	1	8	8	8	24	29	51	79	25	233
NOT STATED	4	18	20	8	11	7	4	5	19	96
COLUMN TOTAL	120	836	846	625	401	233	138	125	145	3469
	3.5	24.1	24.4	18.0	11.6	6.7	4.0	3.6	4.2	100.0

ADOPTIONS



ADOPTION

Overview

There were 671 adoptions in Alaska in 1978. Of those 671 adoptions, 430 (64 percent) were to step-parents and 207 (31 percent) were to persons other than step-parents.

Step-parent adoptions, for the purpose of this classification, may be defined as an adoption by parent's spouse.

Approximately 31 percent (207) of the children were from 5 to 9 years old. Another 22 percent (149) of the children were from 1 to 4 years old and 21 percent (139) of the adopted children were from 10 to 14 years of age.

Sixty-four percent (433) of the children adopted were White, and 21 percent (141) were Native.

The tabulations which follow are extracted from the reports of adoption kept in the vault of the Bureau of Vital Records.

tables:

ALASKA ADOPTIONS: 1978

SEX OF ADOPTED CHILD

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
MALE	344	51.3
FEMALE	327	48.7
	-----	-----
	671	100.0

RACE OF ADOPTIVE CHILD

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
WHITE	433	64.5
NATIVE	141	21.0
BLACK	18	2.7
OTHER	16	2.4
NOT STATED	63	9.4
	-----	-----
	671	100.0

AGE OF ADOPTED CHILD

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
UNDER ONE YEAR	119	17.7
1 - 4 YEARS	149	22.2
5 - 9 YEARS	207	30.8
10 - 14 YEARS	139	20.7
15 - 19 YEARS	47	7.0
20 - 24 YEARS	3	0.4
25 - 29 YEARS	2	0.3
29 YEARS & OVER	3	0.4
NOT STATED	2	0.3
	-----	-----
	671	100.0

NUMBER OF CHILDREN IN ADOPTIVE FAMILY

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
NO OTHER CHILDREN	100	14.9
ONE OTHER CHILD	61	9.1
TWO OTHER CHILDREN	52	7.7
THREE OTHER CHILDREN	37	5.5
FOUR OTHER CHILDREN	14	2.1
OVER FOUR CHILDREN	37	5.5
NOT STATED	370	55.1
	-----	-----
	671	100.0

TYPE OF ADOPTION

	ABSOLUTE FREQ	RELATIVE FREQ (PCT)
STEP-PARENT	430	64.1
OTHER	207	30.8
NOT STATED	34	5.1
	-----	-----
	671	100.0

ALASKA ADOPTIONS: 1978

STEP-PARENT ADOPTIONS RACE OF CHILD BY RACE OF PARENTS

	WHITE	NATIVE	BLACK	OTHER	NOT STATED	ROW TOTAL
WHITE	336 78.1	2 0.5	3 0.7	2 0.5	1 0.2	344 80.0
NATIVE	16 3.7	28 6.5	0 0.0	0 0.0	1 0.2	45 10.5
BLACK	0 0.0	1 0.2	11 2.6	0 0.0	0 0.0	12 2.8
OTHER	8 1.9	0 0.0	3 0.7	1 0.2	0 0.0	12 2.8
NOT STATED	4 0.9	0 0.0	0 0.0	1 0.2	12 2.8	17 4.0
COLUMN TOTAL	364 84.7	31 7.2	17 4.0	4 0.9	14 3.3	430 100.0

OTHER ADOPTIONS RACE OF CHILD BY RACE OF PARENTS

	WHITE	NATIVE	BLACK	OTHER	NOT STATED	ROW TOTAL
WHITE	69 33.3	4 1.9	0 0.0	2 1.0	1 0.5	76 36.7
NATIVE	18 8.7	62 30.0	0 0.0	0 0.0	0 0.0	80 38.6
BLACK	0 0.0	1 0.5	3 1.4	0 0.0	0 0.0	4 1.9
OTHER	2 1.0	0 0.0	0 0.0	2 1.0	0 0.0	4 1.9
NOT STATED	33 15.9	5 2.4	0 0.0	0 0.0	5 2.4	43 20.8
COLUMN TOTAL	122 58.9	72 34.8	3 1.4	4 1.9	6 2.9	207 100.0

ALASKA ADOPTIONS: 1978

AGE OF ADOPTED CHILD BY TYPE OF ADOPTION

	STEP-PARENT	OTHER	NOT STATED	ROW TOTAL
	I	I	I	I
	I-----I	I-----I	I-----I	I-----I
UNDER ONE YEAR	I 3 I	I 107 I	I 9 I	I 119 I
	I 0.4 I	I 15.9 I	I 1.3 I	I 17.7 I
1 - 4 YEARS	I 81 I	I 59 I	I 9 I	I 149 I
	I 12.1 I	I 8.8 I	I 1.3 I	I 22.2 I
5 - 9 YEARS	I 175 I	I 28 I	I 4 I	I 207 I
	I 26.1 I	I 4.2 I	I 0.6 I	I 30.8 I
10 - 14 YEARS	I 125 I	I 9 I	I 5 I	I 139 I
	I 18.6 I	I 1.3 I	I 0.7 I	I 20.7 I
15 - 19 YEARS	I 40 I	I 2 I	I 5 I	I 47 I
	I 6.0 I	I 0.3 I	I 0.7 I	I 7.0 I
20 - 24 YEARS	I 1 I	I 1 I	I 1 I	I 3 I
	I 0.1 I	I 0.1 I	I 0.1 I	I 0.4 I
25 - 29 YEARS	I 1 I	I 1 I	I 0 I	I 2 I
	I 0.1 I	I 0.1 I	I 0.0 I	I 0.3 I
29 YEARS & OVER	I 2 I	I 0 I	I 1 I	I 3 I
	I 0.3 I	I 0.0 I	I 0.1 I	I 0.4 I
NOT STATED	I 2 I	I 0 I	I 0 I	I 2 I
	I 0.3 I	I 0.0 I	I 0.0 I	I 0.3 I
COLUMN TOTAL	430	207	34	671
	64.1	30.8	5.1	100.0

PLACEMENT AGENCY FOR ADOPTION BY TYPE OF ADOPTION

	STEP-PARENT	OTHER	NOT STATED	ROW TOTAL
	I	I	I	I
	I-----I	I-----I	I-----I	I-----I
AK LEGAL SERVICE	I 14 I	I 40 I	I 9 I	I 63 I
	I 2.1 I	I 6.0 I	I 1.3 I	I 9.4 I
PRIVATE ATTORNEY	I 372 I	I 163 I	I 25 I	I 560 I
	I 55.4 I	I 24.3 I	I 3.7 I	I 83.5 I
NO AGENCY ASSIST	I 23 I	I 0 I	I 0 I	I 23 I
	I 3.4 I	I 0.0 I	I 0.0 I	I 3.4 I
OTHER	I 21 I	I 2 I	I 0 I	I 23 I
	I 3.1 I	I 0.3 I	I 0.0 I	I 3.4 I
NOT STATED	I 0 I	I 2 I	I 0 I	I 2 I
	I 0.0 I	I 0.3 I	I 0.0 I	I 0.3 I
COLUMN TOTAL	430	207	34	671
	64.1	30.8	5.1	100.0

appendix a:

Appendix A:
Index of Selected Variables

The following index is a list of 17 different variables that appear in the various sections of the 1978 Alaska Vital Statistics Report. The variables are in alphabetical order, and the title and page number of all tables and charts in which each of the 17 variables appear is given. The lists of tables under each variable are grouped by vital event.

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Sex of Fetus	85
Attendant at Birth	85
Prenatal Visits	85
Race of Mother	85
Age of Mother	85
Census Division of Mother's Residence	86
Census Division of Occurrence	86
Native Regional Corporation of Mother's	
Residence	86
Native Regional Corporation of Occurrence	86
Race of Mother by HSA of Residence	87
Age of Mother by HSA of Residence	87
Race of Mother by Age of Mother	87
<u>Health Service Area</u>	
Births	
Multiplicity of Outcome by Health Service Area	50
Race of Child by Health Service Area	50
Age of Mother by Health Service Area	51
Health Service Area by Birthweight of Child . .	51
Deaths	
Cause of Death by Health Service Area	75
Fetal Deaths - Race of Mother by HSA of	
Residence	87
Fetal Deaths - Age of Mother by HSA of	
Residence	87
<u>Infant Deaths</u>	
Deaths	
Cause of Death for Infants Under One Year	
of Age	82
Infant and Neonatal Death Rates by Race	83
<u>Marital Status</u>	
Births	
Age of Mother by Marital Status of Mother . . .	46
Deaths	
Marital Status by Sex of Decedent	64
Suicides by Marital Status, Sex, and by Age . .	81

<u>Month</u>		
Births		
Month of Birth	42	
Deaths		
Month of Death	65	
Cause of Death by Month of Occurrence	70	
Motor Vehicle Accidents by Month	77	
Aircraft Accidents by Month	77	
Marriages		
Month of Marriage	93	
Divorces		
Month of Divorce	99	
<u>Native Regional Corporation</u>		
Births		
Native Regional Corporation by Attendant at Birth	52	
Native Regional Corporation by Age of Mother	52	
Race and Sex of Child by Native Regional Corporation	53	
Native Regional Corporation by Birthweight of Child	54	
Deaths		
Cause of Death by Native Regional Corporation	71	
Race and Sex of Decedent by Native Regional Corporation	72	
Age of Decedent by Native Regional Corporation	73	
Accidents by Cause and by Native Regional Corporation	79	
Fetal Deaths - Native Regional Corporation of Mother's Residence	86	
Fetal Deaths - Native Regional Corporation of Occurrence	86	
<u>Number of Children</u>		
Births		
Number of Living Children	39	
Number of Children by Month Prenatal Care Began	43	
Divorces		
Children Less than 18 Year of Age	99	
Adoptions		
Number of Children in Adoptive Family	103	

Race

Births

Race of Child (frequency)	39
Race of Mother (frequency)	41
Race of Father (frequency)	41
Race of Child by Birthweight of Child	44
Race of Mother by Age of Mother	45
Census Division by Race of Mother	48
Race of Child by Health Service Area	50
Race and Sex of Child by Native Regional Corporation	53

Deaths

Race of Decedent (graph)	57
Race of Decedent (frequency)	65
Cause of Death by Race of Decedent	67
Race and Sex of Decedent by Age	68
Race and Sex of Decedent by Native Regional Corporation	72
Census Division by Race of Decedent	74
Suicides by Race and by Year	80
Suicides by Race and by Sex	81
Infant and Neonatal Death Rates by Race	83
Fetal Deaths - Race of Mother (frequency)	85
Fetal Deaths - Race of Mother by HSA of Residence	87
Fetal Deaths - Race of Mother by Age of Mother	87

Marriages

Race of Groom by Race of Bride	94
--	----

Divorces

Race of Husband by Race of Wife	100
---	-----

Adoptions

Race of Adopted Child (frequency)	103
Step-parent Adoptions: Race of Child by Race of Parents	104
Other Adoptions: Race of Child by Race of Parents	104

Sex

Births

Sex of Child (frequency)	39
Race and Sex of Child by Native Regional Corporation	53

Deaths

Marital Status by Sex of Decedent	64
Race and Sex of Decedent by Age	68
Race and Sex of Decedent by Native Regional Corporation	72

Suicides by Race and by Sex	81
Suicides by Marital Status, Sex, and Age	81
Fetal Deaths - Sex of Fetus	85
Adoptions	
Sex of Adopted Child (frequency)	103
<u>State</u>	
Births	
Place of Birth	39
Deaths	
Place of Birth by Place of Death	64
Marriages	
Residence of Groom by Residence of Bride	95
Birthplace of Groom by Birthplace of Bride . . .	95
Divorces	
Residence of Husband by Residence of Wife . . .	100
<u>Suicides</u>	
Deaths	
Suicides by Age Group (pie chart)	62
Suicides by Age and by Year	80
Suicides by Race and by Year	80
Suicides by Race and by Sex	81
Suicides by Marital Status, Sex, and by Age . .	81

appendix b:

STATISTICAL INFORMATION AVAILABLE
FOR BIRTHS

1978

VARIABLE	PLACE ON CERTIFICATE	
CHILD		
Sex	2	
Time of Birth		
Date (mm/dd/yy)	3A	
Hour	3B	*
Birthplace		
Community of	3C	
Hospital	4A	
Birthweight	12	
Plurality (Single, Twins, etc.)	13	
If Not Single Birth, Birth Order	14	
Apgar Score		
1 Minute	21A	
5 Minutes	21B	
Congenital Anomalies and Malformations	25	&&
MOTHER		
Age	6B	
State of Birth	6C	
Residence		
State of	6D	
Community	6E	
Race	10	
Marital Status	15	
Education	17	
MATERNAL HISTORY		
Number of Live Births		
Now Living	16A	
Now Dead	16B	
Date of Last Live Birth (mm/yy)	16C	
Other Terminations	16D	
Before 20 Weeks	16D	
After 20 Weeks	16E	
Date of Last Termination (mm/yy)	16F	
Date Last Normal Menses Began	19	
Month of Pregnancy Prenatal Visits Began	20A	*
Number of Prenatal Visits	20B	&&
Attendant At Birth	5C	
Complications, Ill. or Cond'n of Preg.	22&23	&&
Complications of Labor and/or Delivery	24	
FATHER		
Age	7B	
State of Birth	7C	
Race	11	
Education	18	

* Not coded Prior to 1978.

&& Coded with less information prior to 1978.

CERTIFICATE OF LIVE BIRTH

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS - JUNEAU, ALASKA 99811

DATE RECEIVED

TYPE OR PRINT IN
PERMANENT INK

RECORDER'S NO

CHILD - NAME

FIRST

MIDDLE

LAST

1

SEX

DATE OF BIRTH

(MONTH DAY YEAR)

HOUR

PLACE OF BIRTH

CITY, VILLAGE OR LOCATION

2

3a

3b

M

3c

HOSPITAL - NAME

STREET AND NUMBER (IF NOT IN HOSPITAL, GIVE STREET AND NUMBER)

4a

4b

I CERTIFY THAT THE ABOVE NAMED CHILD WAS BORN ALIVE AT THE PLACE AND TIME AND THE DATE STATED ABOVE

IF ATTENDANT SAME AS PERSON SIGNING
CHECK HERE

5a SIGNATURE

IF NOT, ENTER NAME AND TITLE BELOW

CERTIFIER

5b NAME (TYPE OR PRINT)

5c TITLE

☐ M.D.☐ NURSE☐ MIDWIFE☐ OTHER

NAME

DATE SIGNED

(MONTH DAY YEAR)

MAILING ADDRESS

STREET OR P.O. BOX NO. CITY, VILLAGE, STATE, ZIP CODE

5d TITLE

MOTHER - MAIDEN NAME

FIRST

MIDDLE

LAST

AGE (AT TIME OF THIS BIRTH)

STATE OF BIRTH (IF NOT U.S.A. NAME COUNTRY)

6a RESIDENCE STATE

6b CITY, VILLAGE OR LOCATION

YEARS

6c

INSIDE CITY LIMITS

6f ☐ YES ☐ NO

6d STREET AND NUMBER

RECORDING DISTRICT

6g FATHER - NAME

FIRST

MIDDLE

LAST

AGE (AT TIME OF THIS BIRTH)

STATE OF BIRTH (IF NOT U.S.A. NAME COUNTRY)

7a

7b

7c

I CERTIFY THAT THE PERSONAL INFORMATION PROVIDED ON THIS CERTIFICATE
IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. (SIGNATURE OF PARENT)MOTHER'S MAILING ADDRESS (FOR BIRTH REGISTRATION NOTICE)
STREET OR P.O. BOX NO. CITY OR VILLAGE, STATE, ZIP CODE

8a RECORDER - SIGNATURE

ADDRESS

RECORDING DISTRICT

DATE RECORDED

9a

9b

9c

9d

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY.

10 RACE - MOTHER		11 RACE - FATHER		12 BIRTHWEIGHT		13 THIS BIRTH - SINGLE TWIN TRIPLET ETC. (SPECIFY)		14 IF NOT SINGLE BIRTH - BORN FIRST SECOND THIRD ETC. (SPECIFY)		15 IS MOTHER MARRIED? ☐ YES ☐ NO	
16 PREGNANCY HISTORY (Complete each section)				17 EDUCATION - MOTHER (Specify only highest grade completed)				18 EDUCATION - FATHER (Specify only highest grade completed)			
LIVE BIRTHS (Do not include this Child)		OTHER TERMINATIONS (Spontaneous or Induced)		ELEMENTARY OR SECONDARY (10-12)		COLLEGE (13-16 or 5+)		ELEMENTARY OR SECONDARY (10-12)		COLLEGE (13-16 or 5+)	
16a NOW LIVING NUMBER	16b NOW DEAD NUMBER	16c BEFORE 20 WEEKS NUMBER	16d AFTER 20 WEEKS NUMBER	17 DATE LAST NORMAL MENSTRUATION BEGAN (MONTH DAY YEAR)		18 MONTH OF PREGNANCY PRENATAL CARE BEGAN FIRST SECOND ETC. (SPECIFY)		19 PRENATAL VISITS TOTAL NUMBER (IF NONE, SO STATE)		20 APGAR SCORE 1 min. 5 min.	
16e DATE OF LAST LIVE BIRTH (MONTH YEAR)		16f DATE OF LAST OTHER TERMINATION (MONTH YEAR) (AS INDICATED IN D OR E ABOVE)		19 COMPLICATIONS OF PREGNANCY? - IF YES, DESCRIBE ☐ YES ☐ NO		20		21a		21b	
22 ILLNESS OR CONDITIONS AFFECTING THE PREGNANCY? - IF YES, DESCRIBE ☐ YES ☐ NO											
23 COMPLICATION OF LABOR AND/OR DELIVERY? - IF YES, DESCRIBE ☐ YES ☐ NO											
24 CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD? - IF YES, DESCRIBE ☐ YES ☐ NO											
25											

STATISTICAL INFORMATION AVAILABLE
FOR DEATHS

1978

VARIABLE	PLACE ON CERTIFICATE
Sex	2
Race	3
Date of Death (mm/dd/yy)	4
Date of Birth	6 *
Age (years/months/days)	5A
Units of Age (hours/minutes)	Calculated 5B-C
Community of Death	7B
Hospital of Death (if any)	7C
Type of Patient (DOA, Outpatient, etc.)	8 *
Ever in Armed Forces	9
Length of Stay in Alaska	10 *
State of Birth	11
Marital Status	13 *
Usual Occupation/Industry	16A-B*
State of Residence	17A
Community of Residence (if Alaska)	17C
Disposition of Body	
Method	22A *
Place	22C *
Underlying Cause of Death	29
Autopsy (yes/no)	30
If Accident	
Type	31A *
Date of Injury (mm/dd/yy)	31B *
Hour of Injury	31C *
Injury at Home (yes/no)	31E *
Community of Injury	31F *

* Not coded in all years prior to 1978

TYPE OR PRINT IN
PERMANENT INK

CERTIFICATE OF DEATH

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS - JUNEAU, ALASKA 99811

DATE RECEIVED

RECORDER'S NO.

DECEASED - NAME

FIRST

MIDDLE

LAST

1

SEX

RACE (SPECIFY)

DATE OF DEATH (MONTH DAY YEAR)

2

AGE - LAST BIRTHDAY

3

MONTH

DAYS

5c

HOURS

MINUTES

6

DATE OF BIRTH (MONTH DAY YEAR)

5a

YEARS

5b

PLACE OF DEATH

RECORDING DISTRICT

CITY, VILLAGE OR LOCATION

ALASKA

7a

HOSPITAL OR OTHER INSTITUTION - NAME (IF NOT IN EITHER, GIVE STREET AND NUMBER)

STREET AND NUMBER

7c

IF HOSP OR INST INDICATE - D.O.A., OUTPATIENT,
EMER RM., INPATIENT (SPECIFY)

7d

WAS DECEASED EVER IN U.S. ARMED FORCES?

☐ YES☐ NO☐ UNKNOWN

DECEASED

8

LENGTH OF STAY IN ALASKA

STATE OF BIRTH (IF NOT U.S.A. NAME COUNTRY)

CITIZEN OF WHAT COUNTRY

10

MARITAL STATUS

11

12

☐ NEVER MARRIED☐ MARRIED☒ WIDOWED☐ DIVORCED

SURVIVING SPOUSE (IF WIFE, GIVE MARRIAGE NAME)

SOCIAL SECURITY NUMBER

USUAL OCCUPATION (GIVE KIND OF WORK DONE DURING MOST OF
WORKING LIFE, EVEN IF RETIRED)

KIND OF BUSINESS OR INDUSTRY

15

RESIDENCE - STATE

16a

16b

CITY, VILLAGE OR LOCATION

INSIDE CITY LIMITS

☐ YES ☐ NO

RECORDING DISTRICT OR COUNTY

STREET AND NUMBER

17c

FATHER - NAME

FIRST

MIDDLE

LAST

MOTHER - MAIDEN NAME

FIRST

MIDDLE

LAST

PARENTS

18

INFORMANT - NAME

MAILING ADDRESS - STREET OR P.O. BOX NO. CITY, VILLAGE, STATE, ZIP CODE

20

☐ BURIAL☐ REMOVAL

DATE (MONTH DAY YEAR)

CEMETERY OR CREMATORY - NAME AND LOCATION (CITY OR VILLAGE, STATE)

22a

☐ CREMATION☐ DONATED

22b

DISPOSITION

PERMIT ISSUED BY

FUNERAL DIRECTOR - SIGNATURE

FUNERAL HOME - NAME AND ADDRESS
(STREET OR P.O. BOX NO. CITY
OR VILLAGE, STATE, ZIP CODE)

23

CERTIFICATION

ON THE BASIS OF THE EXAMINATION OF THE BODY AND/OR THE
INVESTIGATION, IN MY OPINION, DEATH OCCURRED ON THE DATE
AND DUE TO THE CAUSE(S) STATED

HOUR OF DEATH

DATE PRONOUNCED DEAD

MONTH

DAY

YEAR

HOUR

CERTIFIER

SIGNATURE

DEGREE OR TITLE

NAME (TYPE OR PRINT)

27a

DATE SIGNED (MONTH DAY YEAR)

MAILING ADDRESS - STREET OR P.O. BOX NO. CITY OR VILLAGE, STATE, ZIP CODE

27c

RECORDER - SIGNATURE

ADDRESS

DATE RECORDED (MONTH DAY YEAR)

28a

28b

28c

29

PART I

DEATH WAS CAUSED BY:

(ENTER ONLY ONE CAUSE PER LINE FOR (a), (b) AND (c))

SEE REVERSE SIDE

APPROXIMATE INTERVAL
BETWEEN ONSET AND DEATH

IMMEDIATE CAUSE (PRINT OR TYPE)

CONDITIONS, IF ANY, WHICH
GAVE RISE TO IMMEDIATE
CAUSE (a), STATING THE
UNDERLYING CAUSE LAST.

(a)

DUE TO, OR AS A CONSEQUENCE OF:

(b)

DUE TO, OR AS A CONSEQUENCE OF:

(c)

CAUSE

PART II OTHER SIGNIFICANT CONDITIONS

CONDITIONS CONTRIBUTING TO DEATH BUT NOT RELATED TO CAUSE GIVEN IN PART I (a)

AUTOPSY

30 ☐ YES ☐ NO☐ ACCIDENT☐ HOMICIDE

DATE OF INJURY (MONTH DAY YEAR)

HOUR

DESCRIBE HOW INJURY OCCURRED

31a

☐ SUICIDE☐ UNDETERMINED

31b

31c

31d

INJURY AT WORK

PLACE OF INJURY

AT HOME, CANNERY, ETC
SPECIFY

31g

LOCATION - STREET AND NUMBER, CITY, VILLAGE OR LOCATION, STATE, ZIP CODE

31e

☐ YES ☐ NO

31f

DHSS
06-5238
3/78 SM

ORIGINAL-STATE COPY

STATISTICAL INFORMATION AVAILABLE
FOR FETAL DEATHS

1978

VARIABLE	PLACE ON CERTIFICATE
FETUS	
Sex	2
Time of Delivery	
Date (mm/dd/yy)	4A
Hour	3B
Place of Delivery	
Community of	5B
Hospital of	5D
Birthweight	12
Plurality (Single, Twins, etc.)	3A
If not Single Birth, Birth Order	3B
Birth Injury (yes/no)	27
Congenital Anomalies and Malformations	28
MOTHER	
Age	6B
State of Birth	6C
Residence	
State of	8A
Community of	8C
Race	19
Marital Status	25
Education	20
MATERNAL HISTORY	
Number of Live Births	
Now Living	23A
Now Dead	23B
Date of Last Live Birth (mm/yy)	23D
Number of Previous Fetal Deaths	23C
Date of Last Fetal Death	23E
Date Last Normal Menses Began	21
Attendant at Birth	12C
Complications, Ill. or Cond'n of Preg.	29
Complications of Labor and/or Delivery	30
Complications Not Related to Pregnancy	31
FATHER	
Age	6B
State of Birth	6C
Race	17
Education	18

CERTIFICATE OF FETAL DEATH

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS - JUNEAU, ALASKA 99801

STATE FILE NUMBER

150 -

DATE REGISTERED

TYPE OR PRINT IN
PERMANENT INK

RECORDER'S NO.

FETUS - NAME

FIRST

MIDDLE

LAST

SEX

THIS DELIVERY

☐ TWIN

IF NOT SINGLE DELIVERY - BORN

DATE OF DELIVERY MONTH DAY YEAR

HOUR

FETUS

2

3a ☐ SINGLE☐ TRIPLET3b ☐ 1ST ☐ 2ND ☐ 3RD

4a

4b

M

PLACE OF DELIVERY

RECORDING DISTRICT

CITY, TOWN, OR LOCATION

INSIDE CITY LIMITS

ALASKA

5a

5b

HOSPITAL - NAME (IF NOT IN HOSPITAL GIVE STREET AND NUMBER)

STREET AND NUMBER

5c

☐ YES ☐ NO

FATHER - NAME

FIRST

MIDDLE

LAST

AGE AT TIME OF THIS DELIVERY

STATE OF BIRTH (IF NOT IN U.S. NAME COUNTRY)

FATHER

6a

6b

YEARS

6c

MOTHER - MAIDEN NAME

FIRST

MIDDLE

LAST

AGE AT TIME OF THIS DELIVERY

STATE OF BIRTH (IF NOT IN U.S. NAME COUNTRY)

MOTHER

7a

RESIDENCE - STATE

7b

YEARS

7c

CITY, TOWN OR LOCATION

8a

8b

INSIDE CITY LIMITS

STREET AND NUMBER

8c

☐ YES ☐ NO

9. PART I. FETAL DEATH WAS CAUSED BY

ENTER ONLY ONE CAUSE PER LINE FOR (a), (b) AND (c)

SPECIFY FETAL OR MATERNAL

FETAL OR MATERNAL CONDITION
DIRECTLY CAUSING FETAL DEATH

IMMEDIATE CAUSE

(a) DUE TO OR AS A CONSEQUENCE OF

FETAL AND/OR MATERNAL CONDITIONS
IF ANY, GIVING RISE TO THE IMMEDIATE
CAUSE (a), STATING THE UNDERLYING
CAUSE (a)

(b) DUE TO OR AS A CONSEQUENCE OF

(c)

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER. CONDITIONS
CONTRIBUTING TO FETAL DEATH BUT NOT RELATED TO CAUSE GIVEN IN PART I (a)

FETUS DIED

☐ BEFORE
LABOR☐ DURING
LABOR☐ DURING
DELIVERY☐ UNKNOWN

AUTOPSY

☐ YES ☐ NO

11a

11b

☐ YES ☐ NO

11c

11d

CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD

12a SIGNATURE

12b NAME (TYPE OR PRINT)

12c TITLE

☐ M.D.☐ NURSE☐ MIDWIFE☐ SUB REGISTRAR

DATE SIGNED MONTH DAY YEAR

MAILING ADDRESS - STREET OR P.O. BOX NUMBER CITY, TOWN, STATE, ZIP CODE

ATTENDANT

☐ SAME PERSON SIGNING

IF NOT SAME PERSON

NAME

12d TITLE

PHYSICIAN
OR OTHER
FILING
CERTIFICATE

12e

☐ BURIAL ☐ REMOVAL13a ☐ CREMATION

PERMIT ISSUED BY

DATE MONTH DAY YEAR

CEMETERY OR CREMATORY - NAME AND ADDRESS

13b FUNERAL DIRECTOR - SIGNATURE

13c

FUNERAL HOME - NAME AND ADDRESS

14 RECORDER - SIGNATURE

15a ADDRESS

15b

DATE RECORDED MONTH DAY YEAR

16a

16b

16c

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

FATHER - RACE

WHITE NEGRO AMERICAN INDIAN ETC. SPECIFY

MOTHER - RACE

WHITE NEGRO AMERICAN INDIAN ETC. SPECIFY

FATHER

17

EDUCATION - SPECIFY HIGHEST GRADE COMPLETED

ELEMENTARY

(1, 2, 3, 4 OR 8)

HIGH SCHOOL

(1, 2, 3 OR 4)

COLLEGE

(1, 2, 3, 4 OR 5+)

19

EDUCATION - SPECIFY HIGHEST GRADE COMPLETED

ELEMENTARY

(1, 2, 3, 4 OR 8)

HIGH SCHOOL

(1, 2, 3 OR 4)

COLLEGE

(1, 2, 3, 4 OR 5+)

18

DATE LAST NORMAL MENSES BEGAN

MONTH DAY YEAR

PRENATAL VISITS TO PHYSICIAN

☐ YES☐ NO

20

PREVIOUS DELIVERIES - HOW MANY OTHER CHILDREN

ARE NOW LIVING

WERE BORN ALIVE NOW DEAD

WERE BORN DEAD FETAL DEATH
AT ANY TIME AFTER CONCEPTION

MOTHER

21

REQUIRED TEST FOR SYPHILIS MADE

DO NOT STATE RESULTS

☐ NO☐ YES

DATE

22

23a

23b

23c

DATE OF LAST LIVE BIRTH

MONTH DAY YEAR

DATE OF LAST FETAL DEATH

MONTH DAY YEAR

23d

23e

BIRTH WEIGHT

LBS

OZS

BIRTH INJURIES TO FETUS - IF YES, DESCRIBE

☐ YES☐ NO

CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS - IF YES, DESCRIBE

☐ YES☐ NO

28

COMPLICATIONS OF LABOR - IF YES, DESCRIBE

☐ YES☐ NO

30

COMPLICATIONS RELATED TO PREGNANCY - IF YES, DESCRIBE

☐ YES☐ NO

29

COMPLICATIONS NOT RELATED TO PREGNANCY - IF YES, DESCRIBE

☐ YES☐ NO

31

STATISTICAL INFORMATION AVAILABLE
FOR MARRIAGES

1978

VARIABLE		
Certificate Issued		
Date		*
Place		*
Ceremony Performed		
Date		
Place		
Officiator Title		
Groom		
Residence		
Date of Birth (mm/dd/yy)		*
Place of Birth (State)		&&
Race		
Occupation/Industry		&&
Previous Marriages		
Number		
Last Marriage Ended by		
(Death/Divorce)		
Premarital Physical		*
Bride		
Residence		
Date of Birth (mm/dd/yy)		*
Place of Birth		&&
Race		
Occupation/Industry		*
Previous Marriages		
Number		
Last Marriage Ended by		
(Death/Divorce)		
Premarital Physical		*

* Not coded prior to 1978

&& Coded with less information prior to 1978

RECORDER'S NO.
RECORDING DISTRICT

CERTIFICATE OF MARRIAGE

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS
FAIRBANKS, ALASKA

STATE FILE NO. 150-
DATE REGISTERED

MARRIAGE LICENSE

TO ANY PERSON AUTHORIZED BY THE LAWS OF THIS STATE TO SOLEMNIZE MARRIAGES.

You are hereby authorized at any time not more than 3 months from and after the date hereof, within the State of Alaska (not knowing any legal impediment thereto), to join together in marriage in accordance with the laws of this state the two parties hereinbelow identified.

LICENSE NO. 12814	DATE ISSUED	RECORDING DISTRICT
SIGNATURE	TITLE: ☐ MAGISTRATE ☐ MARRIAGE COMMISSIONER	ADDRESS

IDENTIFYING INFORMATION

GROOM		BRIDE	
NAME		NAME	
		MAIDEN NAME (If different from above)	
USUAL RESIDENCE		USUAL RESIDENCE	
DATE OF BIRTH	CONSENT: ☐ GIVEN	DATE OF BIRTH	CONSENT: ☐ GIVEN
PLACE OF BIRTH	RACE	PLACE OF BIRTH	RACE
OCCUPATION		OCCUPATION	
KIND OF BUSINESS OR INDUSTRY		KIND OF BUSINESS OR INDUSTRY	
PREVIOUS MARRIAGES: IF ANY, NONE ☐ NUMBER	A N D LAST MARRIAGE ENDED BY DEATH ☐ DIVORCE ☐	PREVIOUS MARRIAGES: IF ANY, NONE ☐ NUMBER	A N D LAST MARRIAGE ENDED BY DEATH ☐ DIVORCE ☐
PREMARITAL PHYSICAL EXAMINATION: ☐ WAIVER ORDERED ☐ PREMARITAL CERTIFICATE FILED DATE OF LABORATORY TEST		PREMARITAL PHYSICAL EXAMINATION: ☐ WAIVER ORDERED ☐ PREMARITAL CERTIFICATE FILED DATE OF LABORATORY TEST	

CERTIFICATION OF MARRIAGE

I hereby certify that the parties hereinabove identified were united in Holy Matrimony by me in accordance with the laws of the State of Alaska

on _____, 19_____, at _____, Alaska.
(City, Town, or Location)

SIGNATURE OF OFFICIANT	CHURCH OR OFFICE
✓	ADDRESS
OFFICIAL TITLE	
SIGNATURE OF WITNESS	ADDRESS
✓	
SIGNATURE OF WITNESS	ADDRESS
✓	

RECORDER'S SIGNATURE	ADDRESS	DATE RECORDED
----------------------	---------	---------------

VS FORM 301
06-5424
12/78 20M

ORIGINAL - STATE COPY

OFFICIANT: File Original
and Part 2 with Local
Registrar (Magistrate)

STATISTICAL INFORMATION AVAILABLE
FOR DIVORCES

1978

VARIABLE	PLACE ON CERTIFICATE
Decree	
Date Granted (mm/dd/yy)	15
Place Granted	16 *
Type Decree	17A
Granted to	17B
Grounds for Decree	17C
Judicial District	18F
Marriage	
Place	
State	9A
Town (if Alaska)	9C
Date of Marriage (mm/dd/yy)	10
Date Separated (mm/yy)	11
Living Children	
Total Number	12A
Under 18	12B
Plaintiff	13
HUSBAND	
Residence	
State	2A
Town (if Alaska)	2C
Date of Birth (mm/dd/yy)	3
State of Birth	4
Race	19
Number of this Marriage	20
How many Marriages ended by	
Death	21
Divorce/Annulment	21
Education	22
WIFE	
Residence	
State	6A
Town (if Alaska)	6C
Date of Birth (mm/dd/yy)	7
State of Birth	8
Race	23
Number of this Marriage	24
How many Marriages ended by	
Death	25
Divorce/Annulment	25
Education	26

06-5239

TYPE OR PRINT IN
PERMANENT INK

CERTIFICATE OF ABSOLUTE DIVORCE OR ANNULMENT

STATE FILE NUMBER

150-

DATE FILED

ALASKA DEPARTMENT OF HEALTH AND SOCIAL SERVICES
BUREAU OF VITAL STATISTICS - JUNEAU, ALASKA 99811

COURT FILE NO.

HUSBAND - NAME

FIRST

MIDDLE

LAST

RESIDENCE - STATE

RECORDING DISTRICT OR COUNTY

HUSBAND

2a

CITY, TOWN OR LOCATION

2b

STREET AND NUMBER

2c

DATE OF BIRTH (MONTH, DAY, YEAR)

2d

STATE OF BIRTH (IF NOT IN U.S.A. NAME COUNTRY)

SOCIAL SECURITY NO.

3

WIFE - NAME

FIRST

MIDDLE

LAST

MAIDEN NAME

4a

5a

RESIDENCE - STATE

RECORDING DISTRICT OR COUNTY

WIFE

5a

CITY, TOWN OR LOCATION

5b

STREET AND NUMBER

6c

DATE OF BIRTH (MONTH, DAY, YEAR)

6d

STATE OF BIRTH (IF NOT IN U.S.A. NAME COUNTRY)

SOCIAL SECURITY NO.

7

PLACE OF THIS MARRIAGE - STATE (IF NOT IN U.S.A. NAME COUNTRY)

RECORDING DISTRICT OR COUNTY

8a

CITY, TOWN OR LOCATION

9a

DATE OF THIS MARRIAGE (MONTH, DAY, YEAR)

9b

APPROXIMATE DATE COUPLE SEPARATED (MONTH, YEAR)

10

LIVING CHILDREN - TOTAL NUMBER

UNDER 18 YEARS OF AGE

11

PLAINTIFF

☐ HUSBAND☐ WIFE☐ BOTH

12a

ATTORNEY FOR PLAINTIFF - NAME

12b

13

MAILING ADDRESS - STREET OR P.O. BOX NO. CITY OR TOWN, STATE, ZIP CODE

14a

DATE DECREE GRANTED (MONTH, DAY, YEAR)

14b

PLACE GRANTED - CITY OR TOWN

TYPE OF DECREE

☐ ABSOLUTE DECREE☐ ANNULMENT ☐ DISSOLUTION

15

DECREE GRANTED TO

☐ WIFE

LEGAL GROUNDS FOR DECREE (SPECIFY)

17b

☐ HUSBAND ☐ BOTH

17c

DECREE

I CERTIFY THAT THE MARRIAGE OF THE ABOVE NAMED PERSONS WAS DISSOLVED ON THE DATE STATED

TITLE

18a COURT OFFICIAL - SIGNATURE

18b NAME (TYPE OR PRINT)

DATE SIGNED (MONTH, DAY, YEAR)

COURT - NAME AND ADDRESS

18c

18d

18e

JUDICIAL DISTRICT

IS MARRIED NAME OF WIFE TO BE RETAINED AFTER DECREE IS GRANTED?

18g

☐ YES ☐ NO If No, please state the name to be used

CONFIDENTIAL INFORMATION

HUSBAND - RACE

NUMBER OF
THIS
MARRIAGE

IF PREVIOUSLY MARRIED

EDUCATION - SPECIFY HIGHEST GRADE COMPLETED

HUSBAND

WHITE, NEGRO, AMERICAN, INDIAN, ETC (SPECIFY)

FIRST, SECOND
ETC (SPECIFY)

HOW MANY ENDED BY -

ELEMENTARY

HIGH SCHOOL

COLLEGE

DEATH

DIVORCE OR ANNULMENT

(SPECIFY IF NONE)

(0, 1, 2, 3, 4, OR 8)

(1, 2, 3, OR 4)

(1, 2, 3, 4, OR 5 +)

19

20

21

22

WIFE - RACE

NUMBER OF
THIS
MARRIAGE

IF PREVIOUSLY MARRIED

EDUCATION - SPECIFY HIGHEST GRADE COMPLETED

WIFE

WHITE, NEGRO, AMERICAN INDIAN, ETC (SPECIFY)

FIRST, SECOND
ETC (SPECIFY)

HOW MANY ENDED BY -

ELEMENTARY

HIGH SCHOOL

COLLEGE

DEATH

DIVORCE OR ANNULMENT

(SPECIFY IF NONE)

(0, 1, 2, 3, 4, OR 8)

(1, 2, 3, OR 4)

(1, 2, 3, 4, OR 5 +)

23

24

25

26

STATISTICAL INFORMATION AVAILABLE
FOR ADOPTIONS

1978

VARIABLE	PLACE ON CERTIFICATE
Judicial District	Top Left Hand Corner
Place Adoption Granted	1
Date Granted (mm/dd/yy)	2
Type of Legal Agency	27
Number of Persons Adopting Child	
Adoptive Father Married Natural	16
Mother	
Adoptive Mother Married Natural	23
Father	
Child	
Sex	6
Date of Birth (mm/dd/yy)	7
Place of Birth (state)	8
Race of Natural Father	9B
Natural Mother	
Race	10B
Marital Status	Calculated
Adoptive Father	
Race	12
Year of Birth	13 *
Usual Occupation/Industry	15A-B *
Adoptive Mother	
Race	18
Year of Birth	19 *
Other Children	
Living	21A
Born Alive-Deceased	21B
Stillborn	21C
Community of Residence	22C

* Not coded prior to 1978